CCTV

Alarm

Software

EPOS

Web Design

SEO

Networking

IP PBX

Sound System

Projector

Door Entry

Biometrics

Complete
Business Solution

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CCTV

Alarm

Software

EPOS

Website

SEO

Networking

IP PBX

Sound

Projector

Audio/Video Door Entry

Fingerprint scanning

Password (optional)
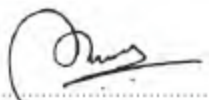
Biometrics Time & Attendance

Message from CEO

Microtimes Ltd. is one of the UK's largest local IT, Sound and Security system service provider. It has been established since 2006 as a limited company by the Managing Director of the company who has over 12 years' experience in the Security and IT business.

We aim at providing competitive prices and quality products with excellent service to you. We have more than 2,000 customers who are benefiting from our services: Councils, Health Sectors, Schools, Colleges, Public Sectors, Corporate offices and more.

Our efforts are driven by the need for customer satisfaction. We try to enhance our services so as to meet the customer requirements by being more committed and more professional. We provide you with competitive prices and a variety of products to meet your various needs, such as IT, Sound and Security from three different locations.

We offer a wide range of products that includes CCTV Systems, Access control, Alarm System, Computer Networking, IP PBX System, Software Development, Web Design, Sound System & Projector Setup.

Mohammed Shahjahan Mahmud
CEO
Microtimes Ltd.

Contents

CCTV

Dome Internal Camera (420 TVL)

Features
- Plastic Dome Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDB420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
Pixels	ICX633BK+CXD3142
TV System	PAL:500(H)×582(V) NTSC:510(H)×492(V)
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	>=48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Dome Internal Camera (600 TVL)

Features
- Plastic Dome Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDB600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
Pixels	ICX639BK+NVP2040
TV System	NTSC:768(H)×494(V), PAL:752(H)x582(V)
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Dome Internal Camera (650 TVL)

Features
- Plastic Dome Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDB650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
Pixels	ICX639BK+RJ10
TV System	NTSC:768(H)×494(V), PAL:752(H)x582(V)
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	>=115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Dome Internal Camera (700 TVL)

Features
- Plastic Dome Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDB700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	>=115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Dome Internal Camera (420 TVL)

Features
- Plastic Dome Camera
- SONY Colour CCD
- 3-Axis bracket built-in
- Lens: 3.6mm Board lens
- OSD Menu controlled by cable button

Model	MTDW420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
Lens	3.6mm Board Lens
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Dome Internal Camera (600 TVL)

Features
- Plastic Dome Camera
- SONY Colour CCD
- 3-Axis bracket built-in
- Lens: 3.6mm Board lens
- OSD Menu controlled by cable button

Model	MTDW600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	3.6mm Board Lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Dome Internal Camera (650 TVL)

Model	MTDW650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	3.6mm Board Lens
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Features

- Plastic Dome Camera
- SONY Colour CCD
- 3-Axis bracket built-in
- Lens: 3.6mm Board lens
- OSD Menu controlled by cable button

Dome Internal Camera (700 TVL)

Model	MTDW700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TV Lines Low Illumination, Effio, ATR, OSD, DNRR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:976(H)×494(V),PAL:976(H)x582(V)
TV System	PAL/NTSC
Lens	3.6mm Board Lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Features

- Plastic Dome Camera
- SONY Colour CCD
- 3-Axis bracket built-in
- Lens: 3.6mm Board lens
- OSD Menu controlled by cable button

Dome Internal Night Vision Camera (420 TVL)

Model	MTDIW01420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Features

- Plastic IR Dome Camera
- SONY Colour CCD
- IR LED: ∅ 5X24PCS
- IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Dome Internal Night Vision Camera (600 TVL)

Features
- Plastic IR Dome Camera
- SONY Colour CCD
- IR LED: ⌀ 5X24PCS
- IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDIW01600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Dome Internal Night Vision Camera (650 TVL)

Features
- Plastic IR Dome Camera
- SONY Colour CCD
- IR LED: ⌀ 5X24PCS
- IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDIW01650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Dome Internal Night Vision Camera (700 TVL)

Features
- Plastic IR Dome Camera
- SONY Colour CCD
- IR LED: ⌀ 5X24PCS
- IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDIW01700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Dome Internal Night Vision Camera (420 TVL)

Model	MTDIW02420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 120mA

Features

- Plastic IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X30PCS
- IR LED working distance: 25M
- White and Black Colour optional
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Dome Internal Night Vision Camera (600 TVL)

Model	MTDIW02600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 120mA

Features

- Plastic IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X30PCS
- IR LED working distance: 25M
- White and Black Colour optional
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Dome Internal Night Vision Camera (650 TVL)

Model	MTDIW02650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 120mA

Features

- Plastic IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X30PCS
- IR LED working distance: 25M
- White and Black Colour optional
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Dome Internal Night Vision Camera (700 TVL)

Features
- Plastic IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X30PCS
- IR LED working distance: 25M
- White and Black Colour optional
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDIW01700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 120mA

Vandalproof Dome Camera (420 TVL)

Features
- Vandalproof Dome Camera
- SONY Colour CCD
- 3-Axis bracket built-in
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVW420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Vandalproof Dome Camera (600 TVL)

Features
- Vandalproof Dome Camera
- SONY Colour CCD
- 3-Axis bracket built-in
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVW600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Vandalproof Dome Camera (650 TVL)

Features

- Vandalproof Dome Camera
- SONY Colour CCD
- 3-Axis bracket built-in
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVW650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Vandalproof Dome Camera (700 TVL)

Features

- Vandalproof Dome Camera
- SONY Colour CCD
- 3-Axis bracket built-in
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVW700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Vandalproof IR Dome Camera (420 TVL)

Features

- Vandalproof IR Dome Camera
- IR LED: ¢ 5X24PCS
- IR LED working distance: 20M
- OSD Menu controlled by cable button (standard)
- OSD Menu controlled by RS485 (optional)
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIW01420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 500mA

Vandalproof IR Dome Camera (600 TVL)

Features

- Vandalproof IR Dome Camera
- IR LED: ¢ 5X24PCS
- IR LED working distance: 20M
- OSD Menu controlled by cable button (standard)
- OSD Menu controlled by RS485 (optional)
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIW01600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 500mA

Vandalproof IR Dome Camera (650 TVL)

Features

- Vandalproof IR Dome Camera
- IR LED: ¢ 5X24PCS
- IR LED working distance: 20M
- OSD Menu controlled by cable button (standard)
- OSD Menu controlled by RS485 (optional)
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIW01650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 500mA

Vandalproof IR Dome Camera (700 TVL)

Features

- Vandalproof IR Dome Camera
- IR LED: ¢ 5X24PCS
- IR LED working distance: 20M
- OSD Menu controlled by cable button (standard)
- OSD Menu controlled by RS485 (optional)
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIW01700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 500mA

Vandalproof IR Dome Camera (420 TVL)

Features

- Vandalproof IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X24PCS, IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIB420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Vandalproof IR Dome Camera (600 TVL)

Features

- Vandalproof IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X24PCS, IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIB600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Vandalproof IR Dome Camera (650 TVL)

Features

- Vandalproof IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X24PCS, IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIB650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Vandalproof IR Dome Camera (700 TVL)

Features

- Vandalproof IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X24PCS, IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIB700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Vandalproof IR Dome Camera (420 TVL)

Features

- Vandalproof IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X24PCS, IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIW02420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.0005Lux/F 2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

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Vandalproof IR Dome Camera (600 TVL)

Features

- Vandalproof IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X24PCS, IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIW02600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100,000Sec; NTSC 1/60-1/100,000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Vandalproof IR Dome Camera (650 TVL)

Features

- Vandalproof IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X24PCS, IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIW02650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100,000Sec; NTSC 1/60-1/100,000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

Vandalproof IR Dome Camera (700 TVL)

Features

- Vandalproof IR Dome Camera
- SONY Colour CCD
- IR LED: ¢ 5X24PCS, IR LED working distance: 20M
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTDVIW02700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100,000Sec; NTSC 1/60-1/100,000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 150mA

External Weatherproof IR camera with 3-Axis Bracket (420 TVL)

Model	MTLEB420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Features
- Weatherproof IR camera with 3-Axis Bracket
- IR LED: ¢ 5X24PCS, IR LED working distance:20M
- Water resistance:IP66 Cable built-in bracket
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

External Weatherproof IR camera with 3-Axis Bracket (600 TVL)

Model	MTLEB600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Features
- Weatherproof IR camera with 3-Axis Bracket
- IR LED: ¢ 5X24PCS, IR LED working distance:20M
- Water resistance:IP66 Cable built-in bracket
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

External Weatherproof IR camera with 3-Axis Bracket (650 TVL)

Model	MTLEB650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Features
- Weatherproof IR camera with 3-Axis Bracket
- IR LED: ¢ 5X24PCS, IR LED working distance:20M
- Water resistance:IP66 Cable built-in bracket
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

External Weatherproof IR camera with 3-Axis Bracket (700 TVL)

Features

- Weatherproof IR camera with 3-Axis Bracket
- IR LED: ¢ 5X24PCS, IR LED working distance:20M
- Water resistance:IP66 Cable built-in bracket
- OSD Menu controlled by cable button
- Lens: Board Lens 3.6mm/F2.0

Model	MTLEB700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
IR LED	5X24PCS
IR Series Distance	20m
Lens	Board Lens 3.6mm/F2.0
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Vandalproof Mini PTZ Speed Dome camera (500 TVL)

Features
- Vandalproof Mini PTZ Speed Dome camera
- Pan range: 0°~360° Continue (Not 355°)
- Tilt range: 0°~90° Flip
- Pan Speed: Max 50°/sec Preset: 16
- Weatherproof Outdoor Ip66
- RS485, Pelco D/P supported
- 10X optical zoom lens(f=3.8~38mm)

Model	MTPVEW01500
Image Sensor	SAMSUNG 10X SDM-100, 1/4" Super HAD Colour CCD, ICR, 10X(f=3.8~38mm)
Horizontal Resolution	Colour 500TVL
CCD+DSP	SDM-100
Pixels	PAL:795 (H)× 596(V) NTSC :811 (H) ×508 (V)
TV System	PAL/NTSC
Lens	10X optical zoom lens(f=3.8~38mm)
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 700mA

Vandalproof Mini PTZ Speed Dome camera (570 TVL)

Features
- Vandalproof Mini PTZ Speed Dome camera
- Pan range: 0°~360° Continue (Not 355°)
- Tilt range: 0°~90° Flip
- Pan Speed: Max 50°/sec Preset: 16
- Weatherproof Outdoor Ip66
- RS485, Pelco D/P supported
- 10X optical zoom lens(f=3.8~38mm)

Model	MTPVEW01570
Image Sensor	SAMSUNG 10X SDM-100, 1/4" Super HAD Colour CCD, ICR, 10X(f=3.8~38mm)
Horizontal Resolution	Black 570TVL
CCD+DSP	SDM-100
Pixels	PAL:795 (H)× 596(V) NTSC :811 (H) ×508 (V)
TV System	PAL/NTSC
Lens	10X optical zoom lens(f=3.8~38mm)
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 700mA

Vandalproof Mini PTZ Speed Dome camera (500 TVL)

Model	MTPVEW02500
Image Sensor	10X, 1/4" Super HAD Colour Sony CCD 10X(f=3.8~38mm)
Horizontal Resolution	Colour 500TVL
CCD+DSP	LSM-100
Pixels	PAL:976 (H)× 494(V) NTSC :976 (H) ×582 (V)
TV System	PAL/NTSC
Lens	10X optical zoom lens(f=3.8~38mm)
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	65dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 700mA

Features
- Vandalproof Mini PTZ Speed Dome camera
- Pan range: 0°~360° Continue (Not 355°)
- Tilt range: 0°~90° Flip
- Pan Speed: Max 50°/sec Preset: 16
- Weatherproof Outdoor Ip66
- RS485, Pelco D/P supported
- 10X optical zoom lens(f=3.8~38mm)

Vandalproof Mini PTZ Speed Dome camera (700 TVL)

Model	MTPVEW02570
Image Sensor	10X, 1/4" Super HAD Colour Sony CCD 10X(f=3.8~38mm)
Horizontal Resolution	Black 700TVL
CCD+DSP	LSM-100
Pixels	PAL:976 (H)× 494(V) NTSC :976 (H) ×582 (V)
TV System	PAL/NTSC
Lens	10X optical zoom lens(f=3.8~38mm)
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	65dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 700mA

Features
- Vandalproof Mini PTZ Speed Dome camera
- Pan range: 0°~360° Continue (Not 355°)
- Tilt range: 0°~90° Flip
- Pan Speed: Max 50°/sec Preset: 16
- Weatherproof Outdoor Ip66
- RS485, Pelco D/P supported
- 10X optical zoom lens(f=3.8~38mm)

360 Degree Mini Pan Tilt Speed Dome camera (420 TVL)

Features

- 360 Degree Mini Pan Tilt Speed Dome camera
- Pan range: 0°~360° Continue (Not 355°)
- Tilt range: 0°~90° Flip
- Pan Speed: Max 50°/sec
- Preset: 16
- RS485, Pelco D/P supported
- Two brackets included (for Ceiling & Side mount)
- Lens: Board Lens 6mm

Model	MTPIW420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
Lens	Board Lens 6mm
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 700mA

360 Degree Mini Pan Tilt Speed Dome camera (600 TVL)

Features

- 360 Degree Mini Pan Tilt Speed Dome camera
- Pan range: 0°~360° Continue (Not 355°)
- Tilt range: 0°~90° Flip
- Pan Speed: Max 50°/sec
- Preset: 16
- RS485, Pelco D/P supported
- Two brackets included (for Ceiling & Side mount)
- Lens: Board Lens 6mm

Model	MTPIEW600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 6mm
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 700mA

360 Degree Mini Pan Tilt Speed Dome camera (650 TVL)

Features

- 360 Degree Mini Pan Tilt Speed Dome camera
- Pan range: 0°~360° Continue (Not 355°)
- Tilt range: 0°~90° Flip
- Pan Speed: Max 50°/sec
- Preset: 16
- RS485, Pelco D/P supported
- Two brackets included (for Ceiling & Side mount)
- Lens: Board Lens 6mm

Model	MTPIW650E
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	Board Lens 6mm
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 700mA

360 Degree Mini Pan Tilt Speed Dome camera (700 TVL)

Features

- 360 Degree Mini Pan Tilt Speed Dome camera
- Pan range: 0°~360° Continue (Not 355°)
- Tilt range: 0°~90° Flip
- Pan Speed: Max 50°/sec
- Preset: 16
- RS485, Pelco D/P supported
- Two brackets included (for Ceiling & Side mount)
- Lens: Board Lens 6mm

Model	MTPIW700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TV Lines Low Illumination, Effio, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:976(H)×494(V),PAL:976(H)×582(V)
TV System	PAL/NTSC
Lens	Board Lens 6mm
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	65dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 700mA

Indoor High Speed Dome camera (Colour / 560 TVL)

Features

- Indoor High Speed Dome camera
- Pan range: 0°~360° Continue (Not 355°)
- Tilt range: 0°~90° Flip
- Pan Speed: Max 300°/sec Preset: 128
- RS485, Pelco D/P supported
- Operating Temperature: -30℃ ~ +60℃
- 3 Pattern scan path
- 6 group programmable canning track

Model	MTPDS560
Image Sensor	SAMSUNG SCM-2331, 37X Optical & 16X Digital Zoom, Colour 560TVL, ATR, ICR
Horizontal Resolution	
CCD+DSP	SCM-2371
Pixels	PAL:976 (H)× 494(V) NTSC :976 (H) ×582 (V)
TV System	PAL/NTSC
Lens	
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	65dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 700mA

Indoor High Speed Dome camera (B/W 680 TVL)

Features

- Indoor High Speed Dome camera
- Pan range: 0°~360° Continue (Not 355°)
- Tilt range: 0°~90° Flip
- Pan Speed: Max 300°/sec Preset: 128
- RS485, Pelco D/P supported
- Operating Temperature: -30℃ ~ +60℃
- 3 Pattern scan path
- 6 group programmable canning track

Model	MTPDS680
Image Sensor	SAMSUNG SCM-2331, 37X Optical & 16X Digital Zoom, Black 680TVL, ATR, ICR
Horizontal Resolution	
CCD+DSP	SCM-2371
Pixels	PAL:976 (H)× 494(V) NTSC :976 (H) ×582 (V)
TV System	PAL/NTSC
Lens	
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	65dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 700mA

Controller with 3D (Pan/Tilt,Zoom) Joystick

Features
- Set or call the set points and cruise tracks
- Manually or automatically control
- RS-485/RS-232(PC) communication
- Baud rate: 2400-19200Bps
- Communication distance: Max.1200m

Model : MTPC01

Controller with 3D (Pan/Tilt,Zoom) Joystick

Features
- Set or call the set points and cruise tracks
- Manually or automatically control
- RS-485/RS-232(PC) communication
- Baud rate: 2400-19200Bps
- Communication distance: Max.1200m

Model : MTPC02

Controller with 3D (Pan/Tilt,Zoom) Joystick

Features
- IR remote controler: Support 99pcs cameras
- RS-485 communication Pelco D/P support.
- Baud rate: 2400,4800 and 9600Bps

Model : MTPC03

Constant Speed Dome IR & IP Camera (420 TVL)

Features

- With Pre-position
- IR LED: ¢ 5 x 24PCS IR working distance : 20M
- Lens:Board Lens 6mm/F2.0
- Support D1 Resolution Image
- Support Client software, IE, Iphone Romote View
  Weight: 1.5kg
- MPEG-4 Compression
- Remote snapshot and video recording

Model	MTDIW420
Image Sensor	1/3" SONY
Horizontal Resolution	ICX633BK CCD, 420TV Lines Low Illumination
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
IR LED	5 x 24PCS
IR Series Distance	20M
Lens	Board Lens 6mm/F2.0
Sync System	Internal
Iris Control	control:DC / VIDEO
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 1000mA

Constant Speed Dome IR & IP Camera (600 TVL)

Features

- With Pre-position
- IR LED: ¢ 5 x 24PCS IR working distance : 20M
- Lens:Board Lens 6mm/F2.0
- Support D1 Resolution Image
- Support Client software, IE, Iphone Romote View
  Weight: 1.5kg
- MPEG-4 Compression
- Remote snapshot and video recording

Model	MTDIW600
Image Sensor	1/3" SONY
Horizontal Resolution	ICX639BK CCD, Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
Pixels	PAL:752(H)×582(V) NTSC:768(H)×494(V)
TV System	PAL/NTSC
IR LED	5 x 24PCS
IR Series Distance	20M
Lens	Board Lens 6mm/F2.0
Sync System	Internal
Iris Control	control:DC / VIDEO
Usable Illumination	0.001Lux/F2.0
S/N Ratio	
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 1000mA

Longe Range Camera (480 TVL)

Features
- Lens:3.6mm Board Lens
- Dimension: ¢ 20 x 62(H) mm
- Weight:200g

Model	MTLEB480
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	Colour 1/3" SONY 480TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	Sony 632/633 + Nextchip 2030
TV System	PAL/NTSC
Lens	Lens:3.6mm Board Lens
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Longe Range Camera (600 TVL)

Features
- Lens:3.6mm Board Lens
- Dimension: ¢ 20 x 62(H) mm
- Weight:200g

Model	MTLEB600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
TV System	PAL/NTSC
Lens	Lens:3.6mm Board Lens
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

17" TFT CCTV Monitor With BNC Input

Features
- The best display for CCTV cameras, DVR, multiplexer and other surveillance equipment
- POS / ATM terminals
- 3D comb filter High quality motion adaptive
- 4H comb filter adaptive for the best image quality
- 3D noise reduction
- 1 BNC INPUT, 1 BNC OUTPUT, LOOPING FUNCTION

Model	MTCD17
Display Type	17"(4:3) Active Matrix TFT LCD Module
Resolution	1280(H) x 1024(V)mm SXGA
Pixel Pitch	0.294(H) x 0.294(V)mm
Contrast ratio	500:1 (TYP.)
Brightness	300 Cd/m2
Response time	8ms
Colours	16.7M
Viewing Angle	L/R 80°/80°
Viewing Angle	U/D 75°/75°
OSD Control	Contrast, Brightness, Clock, Phase, H-Position, V-Position, Language.
Composite Inputs	(VGA) x1, (S-Video) x1, (PC Audio) x1, (BNC) x1
Composite Outputs	(BNC) x1
Speaker	2.5W x 2 Multimedia Speakers
Power consumption	40W in 'ON' mode
Wall hanging	Optional
Auto adjustment	Yes
OSD Language	English, Germany, French, Italian, Spanish
Accessories	Power cord, Adapter, User's guide, Audio cable
Weight	N.W.: 5kgs, G.W.: 6.5kgs
Certificate	Energy Star, FCC-DOC, CE, ROHS

Covert Camera 420 TVL

Features

- PIR Spy Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.7mm Taper Pinhole Lens

Model	MTCW01420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
Lens	3.7mm Taper Pinhole Lens
Sync System	Internal
Usable Illumination	0.01Lux/F2.0
S/N Ratio	≥48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10? ~ +50? RH95% Max
Storage Temperature	-20? ~ +60? RH95% Max
White Balance	Auto
Power Source	DC12V 300mA
Dimension	70(W) x40(H) x119(D)mm
Weight	350g

Covert Camera 600 TVL

Features

- PIR Spy Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.7mm Taper Pinhole Lens

Model	MTCW011600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	PAL:752(H)×582(V), NTSC:768(H)×494(V)
TV System	PAL/NTSC
Lens	3.7mm Taper Pinhole Lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	≥52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10? ~ +50? RH95% Max
Storage Temperature	-20? ~ +60? RH95% Max
White Balance	Auto
Power Source	DC12V 300mA
Dimension	70(W) x40(H) x119(D)mm
Weight	350g

Covert Camera 650 TVL

Features

- PIR Spy Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.7mm Taper Pinhole Lens

Model	MTCW01650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	3.7mm Taper Pinhole Lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	≥52dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10? ~ +50? RH95% Max
Storage Temperature	-20? ~ +60? RH95% Max
White Balance	Auto
Power Source	DC12V 300mA
Dimension	70(W) x40(H) x119(D)mm
Weight	350g

Covert Camera 700 TVL

Features

- PIR Spy Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.7mm Taper Pinhole Lens

Model	MTCW01700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	3.7mm Taper Pinhole Lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	≥115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10? ~ +50? RH95% Max
Storage Temperature	-20? ~ +60? RH95% Max
White Balance	Auto
Power Source	DC12V 300mA
Dimension	70(W) x40(H) x119(D)mm
Weight	350g

Covert Camera 420 TVL

Features

- PIR Spy Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.7mm Taper Pinhole Lens

Model	MTCW02420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
Lens	3.6mm Board lens
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	≥48dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10? ~ +50? RH95% Max
Storage Temperature	-20? ~ +60? RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Covert Camera 600 TVL

Features

- PIR Spy Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.7mm Taper Pinhole Lens

Model	MTCW02600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	3.6mm Board lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	≥54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10? ~ +50? RH95% Max
Storage Temperature	-20? ~ +60? RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

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Covert Camera 650 TVL

Features

- PIR Spy Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.7mm Taper Pinhole Lens

Model	MTCW02650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	3.6mm Board lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	≥54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10°C ~ +50°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Covert Camera 700 TVL

Features

- PIR Spy Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.7mm Taper Pinhole Lens

Model	MTCW02700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	3.6mm Board lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	≥54dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10°C ~ +50°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Covert Camera 420 TVL

Features

- UFO Shape Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.6mm Board lens

Model	MTCS420
Image Sensor	1/3" SONY ICX633BK CCD
Horizontal Resolution	420TV Lines Low Illumination
CCD+DSP	ICX633BK+CXD3142
Pixels	PAL:500(H)×582(V) NTSC:510(H)×492(V)
TV System	PAL/NTSC
Lens	3.6mm Board lens
Sync System	Internal
Usable Illumination	0.0005Lux/F2.0
S/N Ratio	≥48dB (AGC OFF)
Gamma Correction	3.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10°C ~ +50°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Covert Camera 600 TVL

Features

- UFO Shape Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.6mm Board lens

Model	MTCS600
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	Colour 1/3" SONY 600TVL, Low Illumination, DWDR, OSD, DNR
CCD+DSP	ICX639BK+NVP2040
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	3.6mm Board lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.2
S/N Ratio	≥54dB (AGC OFF)
Gamma Correction	2.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10°C ~ +50°C RH95% Max
Storage Temperature	-20°C ~ +60? RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Covert Camera 650 TVL

Features

- UFO Shape Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.6mm Board lens

Model	MTCS650
Image Sensor	1/3" SONY ICX639BK CCD
Horizontal Resolution	650TVL Low Illumination, DWDR, OSD, 3D DNR, Sense-up
CCD+DSP	ICX639BK+RJ10
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	3.6mm Board lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.1
S/N Ratio	≥54dB (AGC OFF)
Gamma Correction	1.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10°C ~ +50°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

Covert Camera 700 TVL

Features

- UFO Shape Camera
- SONY Colour CCD
- Auto White Balance(AWB)
- Lens: 3.6mm Board lens

Model	MTCS700
Image Sensor	1/3" SONY ICX673AK CCD
Horizontal Resolution	700TVL, Low Illumination, ATR, OSD, DNR
CCD+DSP	ICX673AK+Effio-e
Pixels	NTSC:768(H)×494(V), PAL:752(H)x582(V)
TV System	PAL/NTSC
Lens	3.6mm Board lens
Sync System	Internal
Usable Illumination	0.001Lux/F2.0
S/N Ratio	≥115dB (AGC OFF)
Gamma Correction	0.45
Video Out	Composite Signal (1.0Vp-p, 75Ω)
Scanning System	PAL:625 Lines, 50 Field/Sec; NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Time	Auto:PAL 1/50-1/100, 000Sec; NTSC 1/60-1/100, 000Sec
Operation Temperature	-10°C ~ +50°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max
White Balance	Auto
Power Source	DC12V 300mA

4 Channel DVR

- Use the standard H.264 video compression format stream lower, high quality, longer recording time, taking up less bandwidth resources
- GUI OSD interface, USB Mouse controller, more intuitive, easier to use for user-friendly
- Support CIF recording resolution, 6 image quality adjustable
- Hexaplex operation simultaneously: Preview, recording, playback, and network live, backup, playback
- Multiple record mode: Auto、timer、motion recording mode
- Recording playback support: Normal play, Speed play, Fast back play, Manual single-frame slow play
- Support drag the progress bar can be targeted playback time directly
- Support multiple channel playback at the same time(Support 4CH playback simultaneously)
- Support network function: one IE browser centralized monitoring and SNS software for multiple DVR (up to 20 DVR simultaneously)
- Support DHCP, DDNS, PPPoE and NTP network service
- Supports remote surveillance up to 10 users simultaneously via the Internet Explorer web browser
- Support more than 17 kinds protocol of the PTZ control
- Supports Multiple backup mode: USB flash drive and network backup
- Support pre-alarm recording (before 10 sec), not lose any suspicious screen
- Support one SATA HDD, unlimited for the capacity
- Support 1 channel audio input
- Support remote view by mobile phone
- Support VGA output
- Support IR remoter controller
- System auto recovery to power after power reconnected, and return to the pre-power-down state

Features

Model	MTD0104H
Compression Format	H.264
Video System	NTSC / PAL
Video Input/Output	BNC 4CH In/ 1CH BNC Out/ 1CH VGA Out
Alarm Input/Output	Alarm 4CH In/ 1CH Out
Audio Input/Output	4CH audio input, 1CH audio output (RCA)
Preview resolution	720 x 480 (NTSC), 704 x 576 (PAL); Playback resolution : 4 x D1
Real time recording support	CIF:352×240 with 240 Fps (NTSC); 352×288 with 200 Fps (PAL)
	D1:720×480 with 120 Fps (NTSC); 704×576 with 100 Fps (PAL)
Video Compression Rate	CIF Resolution, 3 grade available
Audio Compression	8kHz16bit, ADPCM
Motion Detection	PAL 1310(130); NTSC 138（104）4 grade available
Communication Interface	1pc RJ45 10M/100M Ethernet, 1pc port, 1pc RS485 port
Hard Disk	2 SATA Hard Disc interface
USB port	2pc (Mouse port and USB2.0 port
Network Protocol	TCP/IP, PPPOE, DDNS and NTP
VGA port	1pc(optional) Resolution:800×600, 1024×768
Special Feature	Support GPRS/CDMA/EDGE/3G mobile phone view
Power Supply	12V/3A
Working Temperature	0°C~+55°C
Working Humidity	10%--90%

4 Channel DVR

Features

- Video Input/Output: BNC 4CH In/ 1CH Out/ VGA 1CH Out
- Audio Input/Output: RCA 4CH In/ 1CH Out
- Alarm Input/Output: Alarm 4CH In/ 1CH Out
- Real time recording support: CIF:352×240 with 240 Fps (NTSC); 352×288 with 200 Fps (PAL) D1:720×480 with 120 Fps (NTSC); 704×576 with 100 Fps (PAL)
- Preview resolution: 720 x 480 (NTSC), 704 x 576 (PAL) ; Playback resolution: D1 x 4
- Hexaplex operation simultaneously: Preview, recording, playback, and network live, backup, playback
- 1 RJ-45 Ethernet connector, Static, Dynamic IP and DDNS , Support Internet Explorer and special client software
- Remote Control, PTZ, RS485 x 1, 2 × USB, 1 × IR Controller
- 1 SATA Hard Disk interface

Model	MTD0204H
Compression Format	H.264
Operating System	Embedded LINUX Operating System
User Interface	16-bit true Colour graphical menu, support for USB mouse operation, with menu notes
Preview resolution	720 x 480 (NTSC), 704 x 576 (PAL) ; Playback resolution?4 x D1
Real time recording support	CIF:352×240 with 240 Fps (NTSC); 352×288 with 200 Fps (PAL) D1:720×480 with 120 Fps (NTSC); 704×576 with 100 Fps (PAL)
Video Input/Output	BNC 4CH In/ 1CH BNC Out/ 1CH VGA Out
Audio Input/Output	RCA 4CH In/ 1CH Out
Alarm Input/Output	Alarm 4CH In/ 1CH Out
Monitor Screen	1 / 4 screen display, PAL D1: 704*576
Local Playback	4CH synchronized playback
Motion Detection	PAL 13*10(130); NTSC 13*8(104) 4 grade available
Communication Interface	1 RJ-45 Ethernet connector, Static, Dynamic IP and DDNS , Support Internet Explorer and special client software
Hard Disk	1 SATA Hard Disc interface
USB port	2pc (Mouse port and USB2.0 port?
VGA port	1pc(optional) Resolution:800×600, 1024×768
Special Feature	Support remote view by Mobile phone
Power Source	19V/3A
Working Temperature	0°C~+55°C
Working Humidity	10%~90%

8 Channel DVR

Features

- Video Input/Output: BNC 8CH In/ 1CH Out, VGA 1CH Out
- Audio Input/Output: RCA 8CH In/ 1CH Out
- Alarm Input/Output: Alarm 4CH In/ 1CH Out
- Compression Method: H.264
- Real time recording support: CIF:352×240 with 240 Fps (NTSC); 352×288 with 200 Fps (PAL) D1:720×480 with 60 Fps (NTSC); 704×576 with 50 Fps (PAL)
- Preview resolution: 720 x 480 (NTSC), 704 x 576 (PAL) ; Playback resolution: CIF x 8 / D1 x 1
- Hexaplex operation simultaneously: Preview, recording, playback, and network live, backup, playback
- Hi-speed backup/upgrade/record via USB2.0
- 1 RJ-45 Ethernet connector, Static, Dynamic IP and DDNS , Support Internet Explorer and special client software
- Remote Control, PTZ, RS485 x 1, 2 × USB, 1 × IR Controller

Model	MTD0108H
Compression Format	H.264
Video System	NTSC / PAL
Video Input/Output	BNC 8CH In/ 1CH BNC Out/ 1CH VGA Out
Audio Input/Output	RCA 8CH In/ 1CH Out
Alarm Input/Output	Alarm 4CH In/ 1CH Out
Preview resolution	720 x 480 (NTSC), 704 x 576 (PAL) ; Playback resolution: CIF x 8 / D1 x 1
Real time recording support	CIF:352×240 with 240 Fps (NTSC); 352×288 with 200 Fps (PAL) D1:720×480 with 120 Fps (NTSC); 704×576 with 100 Fps (PAL)
Video Compression Rate	CIF Resolution, 3 grade available
Audio Compression	8kHz*16bit, ADPCM
Motion Detection	1 / 4 screen display, PAL D1: 704*576
Communication Interface	1pc RJ45 10M/100M Ethernet, 1pc port, 1pc RS485 port
Hard Disk	1 SATA Hard Disk interface
USB port	2pc (Mouse port and USB2.0 port?
Network Protocol	TCP/IP?PPPOE ?DDNS and NTP
VGA port	1pc(optional) Resolution:800×600, 1024×768
Special Feature	Support GPRS/CDMA/EDGE/3G mobile phone view
Power Supply	12V/3A
Working Temperature	0°C~+55°C
Working Humidity	10%--90%

8 Channel DVR

- Video Input/Output: BNC 8CH In/ 1CH Out, VGA 1CH Out
- Audio Input/Output: RCA 8CH In/ 1CH Out
- Alarm Input/Output: Alarm 4CH In/ 1CH Out
- Compression Method: H.264
- Real time recording support: CIF:352×240 with 240 Fps (NTSC); 352×288 with 200 Fps (PAL) D1:720×480 with 60 Fps (NTSC); 704×576 with 50 Fps (PAL)
- Preview resolution: 720 x 480 (NTSC), 704 x 576 (PAL) ; Playback resolution: CIF x 8 / D1 x 1
- Hexaplex operation simultaneously: Preview, recording, playback, and network live, backup, playback
- 1 RJ-45 Ethernet connector, Static, Dynamic IP and DDNS , Support Internet Explorer and special client software
- Remote Control, PTZ, RS485 x 1, 2 × USB, 1×IR Controller
- 2 SATA Hard Disk interface

Features

Model	MTD0308H
Compression Format	H.264
Video System	NTSC / PAL
Video Input/Output	BNC 8CH In/ 1CH Out, VGA 1CH Out
Audio Input/Output	RCA 8CH In/ 1CH Out
Alarm Input/Output	Alarm 4CH In/ 1CH Out
Preview resolution	720 x 480 (NTSC), 704 x 576 (PAL) ; Playback resolution: CIF x 8 / D1 x 1
Real time recording support	CIF:352×240 with 240 Fps (NTSC); 352×288 with 200 Fps (PAL) D1:720×480 with 120 Fps (NTSC); 704×576 with 100 Fps (PAL)
Video Compression Rate	CIF Resolution, 3 grade available
Audio Compression	8kHz*16bit, ADPCM
Motion Detection	PAL 13*10?130?; NTSC 13*8?104 4 grade available
Communication Interface	1pc RJ45 10M/100M Ethernet, 1pc port, 1pc RS485 port
Hard Disk	2 SATA Hard Disc interface
USB port	2pc (Mouse port and USB2.0 port
Network Protocol	TCP/IP?PPPOE ?DDNS and NTP
VGA port	1pc(optional) Resolution:800×600, 1024×768
Special Feature	Support GPRS/CDMA/EDGE/3G mobile phone view
Power Supply	12V/3A
Working Temperature	0°C~+55°C
Working Humidity	10%~90%

16 Channel DVR

- Video Input/Output: BNC 16CH In / 1CH Out, VGA 1CH Out, HDMI 1CH Out, Loop Out
- Audio Input/Output: RCA 16CH In/ 1CH Out
- Alarm Input/Output: Alarm 16CH In/ 2CH Out
- Compression Method: H.264
- Real time recording support:
- CIF:352×240 with 480 Fps (NTSC); 352×288 with 400 Fps (PAL)
- D1:720×480 with 480 Fps (NTSC); 704×576 with 400 Fps (PAL)
- Preview resolution: 720 x 480 (NTSC), 704 x 576 (PAL)
- Playback resolution: D1 x 16
- Hexaplex operation simultaneously:
- Preview, recording, playback, and network live, backup, playback 1 RJ-45 Ethernet connector, Static, Dynamic IP and DDNS
- Support Internet Explorer and special client software Remote Control, PTZ, RS485x2, 3×USB, 1×IR Controller, 8 SATA Hard Disk interface Backup: USB2.0 and Network
- Support remote view by mobile phone

Features

Model	MTD0216H
Compression Format	H.264
Video System	NTSC / PAL
GUI OSD	YES
Video Input/Output	BNC 16CH In / 1CH Out, VGA 1CH Out, HDMI 1CH Out, Loop Out
Audio Input/Output	RCA 16CH In/ 1CH Out
Alarm Input/Output	Alarm 16CH In/ 2CH Out
Preview resolution	720 x 480 (NTSC), 704 x 576 (PAL) ; Playback resolution: D1 x 16
Real Time Recording Rate	CIF:352×240 with 480 Fps (NTSC); 352×288 with 400 Fps (PAL) D1:720×480 with 480 Fps (NTSC); 704×576 with 400 Fps (PAL)
Image Quality Setting	Supper Best, Well, Good, Medium, Normal and Bad
Hard Disk Storage	Support 8 SATA HDD
Multiplex Operation	Live display/ record/ playback/ backup/ network transmit
Recording Mode	Manual/ Timer/ Motion
Playback Mode	Multiple slow and rapid play speeds, manual and single-frame play modes, and support of drag the sliding bar to set
Backup Device	USB flash disk / Network
Pre-alarm Recording	Recording for 10 seconds before alarming
Ethernet remote view	Support remote surveillance up to 10 users simultaneously
Mobile phone View	YES
Video Adjustable	Hue /Saturation /Contrast /Brightness adjust
PTZ Control	YES, built-in RS-485 port
Log record function	YES
Image Tour	YES
SNS software	YES
Power-down recovery function	YES
Key Lock(Password Protection)	YES
USB Mouse	YES

16 Channel DVR

- Video Input/Output: BNC 16CH In / 2CH Out, VGA 1CH Out, HDMI 1CH Out
- Audio Input/Output: RCA 16CH In/ 1CH Out
- Alarm Input/Output: Alarm 16CH In/ 1CH Out
- Compression Method: H.264
- Real time recording support: CIF:352×240 with 480 Fps (NTSC); 352×288 with 400 Fps (PAL) D1:720×480 with 120 Fps (NTSC); 704×576 with 100 Fps (PAL)
- Preview resolution: 720 x 480 (NTSC), 704 x 576 (PAL); Playback resolution: CIF x 16 / D1 x 1
- Hexaplex operation simultaneously: Preview, recording, playback, and network live, backup, playback
- 1 RJ-45 Ethernet connector, Static, Dynamic IP and DDNS, Support Internet Explorer and special client software
- Remote Control, PTZ, RS485x1, RS232x1, 2×USB, 1×IR Controller
- 2 SATA Hard Disk interface
- Backup: USB2.0 and Network
- Support remote view by mobile phone

Features

Model	MTD0116H
Compression Format	H.264
Video System	NTSC / PAL
GUI OSD	YES
Video Input/Output	BNC 16CH In / 2CH Out, VGA 1CH Out, HDMI 1CH Out
Audio Input/Output	RCA 16CH In/ 1CH Out
Alarm Input/Output	Alarm 16CH In/ 1CH Out
Preview resolution	720 x 480 (NTSC), 704 x 576 (PAL); Playback resolution: CIF x 16 / D1 x 1
Maximum Recording Rate(CIF)	CIF:352×240 with 480 Fps (NTSC); 352×288 with 400 Fps (PAL)
Image Quality Setting	Supper Best, Well, Good, Medium, Normal and Bad
Hard Disk Storage	Support 2 SATA HDD , unlimited for the capacity
Multiplex Operation	Live display/ record/ playback/ backup/ network transmit
Recording Mode	Manual/ Timer/ Motion
Playback Mode	Multiple slow and rapid play speeds, manual and single-frame play modes, and support of drag the sliding bar to set
Backup Device	USB flash disk / Network
Pre-alarm Recording	Recording for 10 seconds before alarming
Ethernet remote view	Support remote surveillance up to 10 users simultaneously
Mobile phone View	YES
Video Adjustable	Hue /Saturation /Contrast /Brightness adjust
PTZ Control	YES, built-in RS-485 port
Log record function	YES
Image Tour	YES
SNS software	YES
Power-down recovery function	YES
Key Lock(Password Protection)	YES
USB Mouse	YES

Alarm

Microtimes Wireless Alarm

Microtimes Wireless Alarm offers all the unsurpassed reliability and proven performance that have made Microtimes Wireless Alarm the choice of installers, homeowners, monitoring companies and national utilities. People are using Microtimes Wireless Alarm systems to protect their homes.

Features

- Remote home management – alarms, lights, appliances, A/C – via telephony, cellular or Internet connections
- Optional GSM-based backup communication channel – for uninterrupted connectivity even in case of tampering with the system
- Fast and easy installation; easy and convenient programming options
- Complete home control solution – provides status updates and controls up to 15 electrical devices
- Detectors supported: PIR and pet-immune motion detectors; glass-break, flood, smoke and gas detectors; door/window magnetic contact, and more
- Event reporting to: monitoring stations, pagers, SMS messages, e-mail, web applications, mobile phones and regular phones
- Family message centre with standard and remote access for voice recording/playback
- Remotely initiated hands-free two-way voice communication
- Latchkey mode informs parents of a child's arrival to the home
- Intuitive textual and audible user interface with language adaptation
- Full compliance with international standards and regulations

1 x Wireless Siren

- Designed for indoor or outdoor use
- 2 flash light lenses supplied, either Red or Blue
- Triple Tamper Protection
- Automatic low battery indicator which is sent to the main control panel
- 3 year battery life

3 x Wireless Pet Tolerant Digital PIR's

- Easy and fast - no adjustment installation
- Pet torerant for animals up to 38kg (85lb)
- Compatible with wireless panels and receivers
- 3 volt long-life high power standard lithium battery
- Fully supervised wireless with anti-collision PowerCode technology
- True Motion Recognition" (TMR) algorythm, and industry first true digital "Frequency Modulation" (FM) processing, provide the industry best detection accuracy, sensitivity, false alarm immunity and product reliability
- 3D cylindrical optics with Target Specific Imaging (TSI), provides excellent pet immunity and true volumetric no "dead" spots detection up to 12m (40ft)
- Sealed optics with programmable alarm event verification assures highest reliability and stability

1 x Microtimes Wireless Alarm Panel

2 x Miniature Keyfob Transmitters

- Four independent functional buttons.
- Comfortable miniature attractive design.
- Superior transmission range.
- CodeSecure encryption technology prevents unauthorized "code grabbing".
- CodeSecure ID factory-selected from over 100 million possible code combinations.
- Standard Alkaline battery.
- Visible and transmitted low battery indication.
- Available in several optional frequencies in compliance with international standards.
- Compatible with PowerMax and all Visonic PowerCode wireless panels and receivers.

2 x Wireless Door Contact

- Fully Supervised
- Battery life of up to 10 years
- Protection against signal collision
- Compatible with all Receivers

Microtimes Wireless Alarm Pro

Microtimes Wireless Alarm pro introduces a new era in intrusion alarm systems, literally redefining wireless home security and reliability. It is the first wireless intrusion alarm system whose control panel uses the revolutionary PowerG wireless technology .

About PowerG® Wireless Technology

PowerG combines several field-proven, advanced wireless technologies, like those used in cellular networks and bluetooth, with the highly reliable AES encryption method. The greatest innovation in PowerG is having these technologies operate on non-rechargeable batteries while still keeping all devices connected and online. When used in residential or commercial security alarm systems, this combination of technologies delivers the unmatched reliability, robustness and transmission range we have come to expect from modern wireless applications – this time on batteries. In addition, PowerG provides numerous advantages for professional installers, central monitoring stations and end-users alike.

Features

- Two-way communication ensures there are no lost alarms
- Transmission range is far greater than the industry standard enabling repeater-free installations even in large premises*
- Extended battery life in almost all PowerG peripherals – between 4-8 years for typical use
- All devices are configured from the panel – no hardware switches and no need to re-open the peripherals once closed
- Visible signal quality indication shown on the device enables the installer to choose the optimal location without having to walk to the panel during mounting
- Customized configuration templates enable configuration of the devices collectively instead of individually
- Diagnostic tool indicates RF link quality based on the previous 24 hours' statistics, immediately displaying problems and enabling installation verification
- Powerful tools for central monitoring stations such as remote control of all peripherals, remote walk tests and measurements of link quality of all wireless connections in the connected premises
- Multiple frequency channels (up to 50) using Frequency Hopping Spread Spectrum (FHSS) technology overcome interference to wireless communication
- Communication is protected by the proven AES-128 encryption algorithm to protect against sophisticated intruders, "code grabbing" and message substitution
- Link Message collisions are eliminated with TDMA synchronized communication technology similar to WiMAX, GSM and Bluetooth to TDMA in the glossary
- Devices dynamically optimize their route to the control panel using available repeaters according to changes in the environment

Software

Takeaway & Restaurant Management Software

Features

- Specially designed for takeaway, collection and delivery food business
- Date wise customer order review
- Unlimited menu item entry
- Multi-point printing support
- Caller ID facilities
- Daily sales report
- Quick customer search facilities
- Free technical support
- Free training for your staff
- Touch screen remote panel facilities

Stock Control Software:

Features

- Includes a robust inventory management system
- Secured access level
- Item create/insertion/searching facilities must be with respect to category/brand/description and by using barcode
- Minimum sock entry facilities
- Automatically adjusts inventory based on return
- Prints reports comparing inventory used in sales
- Periodic inventory reports
- Supports remote inventory scanning using a hand held computer/scanner
- Allows inventory updating based on scanned inventory
- Allows you to view a log of manual Inventory changes to see when who changes were made to inventory
- Category wise item revenue, cost reports
- Inventory has facilities to input BAD or DAMAGE item. It will not add with the stock and with facilities to write a NOTE
- Full flexible inventory report
- Free technical support
- Free training for your staff

Money Transfer Software:

Features

- Secured and traceable access level
- Multi search option
- Multi location support within same network
- Windows based application no internet connection required
- Easy to access all database
- Add, Edit and Delete facilities
- Auto PIN generate and instant payment report
- Sender, receiver, bank report
- Free technical support
- Free training for your staff

Repair Management Software:

Features

- Secured and traceable access level
- Multi search option
- Specified loyal offer to a particular customer
- Easy to trace item status that are received for repair
- Add logo in printing paper
- Instant report to follow up customer update comes from technical site
- Full flexible details report with searching facilities
- Periodical income and expense report
- Free technical support
- Free training for your staff

Marketing Management Software

Features

- Secured and traceable access level
- Lead generation, follow up, schedule maintain and invoice generation facilities
- Trace the lead star to end for marketing analytical purpose
- Add, view and edit new customer
- Robust searching facilities
- Add customer as per interested product
- Auto date wise activities display
- Define interested and not interested clients
- Periodical activates report
- Full customizable facilities
- Free technical support
- Free training for your staff

EPOS

Microtimes All in one EPOS

Based on Intel ATOM N270 (1,6 Ghz) true fanless platform the this all in one EPOS is compact, but fully featured POS solution with integrated 80 mm thermal receipt printer, touch screen, customer display, magnetic card reader and other available options into one housing for small and medium retail business enterprises.

Features

- Inbuilt Receipt Printer
- Touch Screen
- Inbuilt Magnetic Stripe Reader

CPU	Intel Atom N270 @ 1.6GHz/512K L2 cache
Chipset	Intel 945GSE + ICH7M
Memory	System ships with DDR2 1GB std, support up to 2GB
LCD	15" TFT LCD
Resolution	1024x768
Touch	5-wire Resistive touch
LCD Brightness	250 nit (without touch)
LAN	10/100/1000Mbps onboard Ethernet controller
Storage	SATA 3.5" hard drive or optional SATA SSD
I/O Ports	4 * COM ports 1 * RJ11 port (+24V) 1 * PS2 Keyboard port 1 * RJ-45 LAN port 4 * USB ports 1 * DC +12V 1* VGA port
OS	WEPOS/POSReady/Windows XP Pro/Windows XP embedded
Adaptor	AC 100V~240V/DC12V/12.5A 150 watt power adaptor
Temperature	Operating Temperature: 0~40 degree C
Storage Temperature:	-20~60 degree C
Environment	Operating Humidity:15% ~ 80%
Storage Humidity:	15% ~ 80%
Dimensions	345mm(W) x 321mm(D) x 256(H)
Integrated Peripherals	Triple track magnetic card reader 2 x 20 VFD Customer display 80mm Thermal receipt printer with cutter and control board
Options	RFID module , WIFI module

Microtimes EPOS Terminal

Dimensions	321.9 x 364 x 206.08 mm (H x W x D)
Net Weight / Shipping Weight	5.0 kg / 7.9 kg
Power Supply	AC Input 90 ~ 264 V / DC 12 V
Power Consumption Operating:	25W (typ.) / Sleep: 4W / Off: 2W
Mounting O	ption Stand / 75 x 75 mm VESA Mount
Display	LCD Size / Type 15 Inch TFT Active Matrix Panel
Active Area	304 x 228 mm (H x V)
Pixel Pitch	0.297 x 0.297 mm (H x V)
Panel Resolution	1,024 x 768 Pixels
Display Mode	VGA 720 x 400 (70Hz)
Display Colour	16.2 Million Colours
Contrast	500:1
Brightness	Without Touch 250 nits / SAW 230 nits / Capacitive 212 nits / Resistive 200 nits
Response Time	Tr: 2 ms / Tf: 6 ms
Viewing Angle	Horizontal: 70° ~ -70° / Vertical: 65° ~ -60°
Video Input Format	RGB Analog 0.7 Peak to Peak
Video Sync Format	Separated H&V Sync. / Composite Sync. / Sync-on Green
Video Input Frequency	Horizontal: 31Khz ~ 60.2 kHz / Vertical: 56 Hz ~ 76 Hz
Video Signal Input	D.sub 15 pin Female (Analog)
Environment	
Temperature -	Operating 0°C ~ +40°C
Temperature -	Storage -20°C ~ +60°C
Control Key	ower On/Off, Select, Down, Up, Menu
Audio	1W Speaker / 2 Channels

Microtimes Thermal Printer

For thermal printing on 80mm wide paper. Ideal for the retail industry but also for medical, warehouse, manufacturing and mail order etc. With changeable interfaces and standard drivers, the design and small footprint enhance any situation.

Features

- Thermal Printing on 80mm Wide Paper
- Fast Print Speed (150mm/sec., 47.2 lines per second)
- Multiple Interchangeable Interfaces (Serial, Parallel, USB, RS-485)
- Standard 4 Year Warranty (Return to Base)
- Wall Mount Option
- Easy Paper Jam Clearance
- Available in Either Chic White or Dark Grey
- Automatic Paper Cut

PRINT	Print Method	Direct Thermal
	Print Speed	150mm/Sec. (47.2 LPS)
	Paper Supply Method	Easy Paper Loading
	Resolution	180DPI (7 Dot/mm)
	Character Set	Alphanumeric Character: 96 Extended Graphic: 128 x 7 Page (1 Space Page)
		International Character: 32
	Character Size	Font A: 12 x 24 Font B: 9 x 17
	Character Per Line	Font A: 42 Font B: 9 x 17
	Paper Type	Thermal Paper
PAPER ROLL	Width	79.5mm ± 0.5mm
	Diameter	Maximum 83.0mm
RELIABILITY	MCBF	37,000,000 Lines
	Auto Cutter	1.5 Million Cuts
	TPH	100KM
BARCODES		1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-E
		2D: PDF417, QR Code
EMULATION		ESC/POS
FLASH MEMORY		16 Mbit
DRIVER		Windows 95/98/ME/2000/NT/XP/ 2003 Server & OPOS
SENSOR	2 Optional	Paper Near End Sensor
DRAWER PORT		2 Ports
CONNECTIVITY	Interface	RS-232C, IEEE1284, USB, USB + Serial, RS-485, Ethernet (10/100 Base-T) & Bluetooth
OPTIONS	Language	Buyer Language Support
	Wall Mount	RWM-350
	Colour	Ivory & Dark Grey
POWER	Supply	AC120V~230V ± 10% (Include) DC24V, 2.3A
DIMENSIONS		145(W) x 195(L) x 146(H)mm
AUTO CUTTER	Type	Guillotine

Microtimes Inkjet Printer

Enhances any EPOS system and makes the most out of colour and graphics. Aimed at speciality Retail, department stores, restaurants, fast food and bars, convenience stores, laundry systems and anywhere where a permanent printed record is required. New printer technology set to revolutionise.

Features

- Fast Print Speed of 6.5 LPS
- Drop and Print Loading
- High Resolution Graphics
- Choose from Black/Red or Blue/Green
- Multiple Interfaces
- Easy Load Cartridge
- Instant Ink Feed
- Permanent Printing
- Low Ink Indicator

PRINT	Print Method	Colour Inkjet
	Print Speed	13 LPS (at 12 Column)
	Resolution	104/208DPI
	Paper Supply Method	Easy Paper Loading
	Characters Per Line	Font A: 32, Font B: 43
	Character Font	Font A: 12 x 14, Font B: 12 x 12
	Character Sets	Alphanumeric Characters: 95 Extended Graphics: 128 x 12 Page International Character: 32
	Emulation	ESC/POS, IDP3541
	Drivers	Windows 95/98/ME/2000/NT 4.0/XP/ 2003 Server & OPOS
	Sensors	Paper Near End, Low Ink Indicator, No Cartridge Indicator, Front/Rear Cover Open
PAPER ROLL	Width	76 ± 0.5mm
	Paper Type	Plain Paper
	Diameter	Maximum 83.0mm
BARCODES		EAN-13, EAN-8, Code 39, Code 128, ITF, Coda Bar, UPC-A, UPC-E
RELIABILITY	MCBF	18,000,000 Lines
	Auto Cutter	1.5 Million Cuts
CONNECTIVITY	Interface	Serial, Parallel, USB, Ethernet (10/100 Base-T) & Bluetooth
	Drawer Port	2 Ports
POWER	Supply	AC96~264V (Included), DC24V, 2.5A
OPTIONS	Auto Cutter Type	Rotary
	Colour	Ivory & Dark Grey
	Language	Buyer Language Support

Microtimes Thermal Kitchen Printer

For high volume Retail & Hospitality environments delivers speed and reliability like never before. At up to 200mm per second make this one of the fastest printers around! Additionally, this printer can print vouchers and receipts in high-quality two-colour.

PRINT	
Print Method	Direct Thermal
Width	77mm (3")
Print Speed	200mm/Sec.
Resolution	180 DPI (7 Dot/mm)
Paper Supply Method	Easy Paper Loading
Character Sizes	Font A: 12 x 24 Font B: 9 x 24
Character Per Line	Font A: 42 Font B: 56
Emulation	ESC/POS
Sensors	Paper Near End Sensor
Paper Type	Thermal Paper
PAPER ROLL	
Width	79.5mm ± 0.5mm
Diameter	Maximum 83.0mm
BARCODES	1D: EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-E 2D: PDF417, QR Code
RELIABILITY	
MCBF	70,0000,000 Lines
Auto Cutter	1.5 Million Cuts
TPH	150KM
CONNECTIVITY	
Interface	RS-232C, IEEE1284, USB, USB + Serial, RS-485, Ethernet (10/100 Base-T) & Bluetooth
POWER	
Supply	AC 120V~230V ± 10% (Include) DC24V, 2.3A
RECEIPT BUFFER SIZE	64KBytes
OPTIONS	
Cutter Type	SRP-350 Plus C Type: Auto Cutter (Guillotine) SRP-350 Plus A Type: Manual Cutter (Tear Bar) Wall Mount Bracket, Splash Proof Cover
Language	Buyer Language Support
DIMENSION	145(W) x 195(L) x 146(H)mm

Microtimes Dot Matrix Printer

A Dot Matrix Printer with excellent build quality from one of the worlds major companies but at low price compared to other leading manufacturers. Suitable for all impact printing requirements such as Remote Preparation Order Printing, Receipts, Audit Record, Vouchers, Medical, Warehouse etc.

Features

- Faster print speed : It prints at speeds of up to 4.6 lines per second
- High operational reliability : The market proven quality by world installation
- Provides you option of an auto cutter and take up, and the ability to print one original plus two copies
- Various interface cards with RS-232C, RS-485, Parallel, USB, Ethernet (10 / 100 base T) and Bluetooth
- Trustworthy reliability (1.8 million lines)
- Easy system integration : Drivers are available for Windows 95 / 98 / ME/ NT4.0 / XP / 2003 server and OPOS

PRINT	
PRINT METHOD	9 pin serial impact dot matrix
PRINT SPEED	4.6 lines per second at 40 column
PAPER SUPPLY METHOD	Auto Paper Loading
CHARACTERS PER LINE	Font A : 33 Font B : 40
PRINTING WIDTH	63.34mm (2.49")
CHARACTER FONT	Font A : 9 x 9 / Font B : 7 x 9
CHARACTER SETS	Alphanumeric characters : 95 Extended Graphics : 128 x 7 Page (1 space page) International Character : 32
CONTROL CODE EMULATION	ESC / POS
DRIVERS	Windows 95 / 98 / ME / 2000 / NT4.0 / XP / 2003 server, OPOS
SENSORS	Paper end sensor
PAPER ROLL	
WIDTH	76 ± 0.5mm
PAPER TYPE	Plain Paper
DIAMETER	Max .Ø83.0mm
RIBBON	
TYPE	RRC-201 B / R (black / red), RRC-201 B (black), RRC 201 P (purple)
RELIABILITY	
MCBF	18 million lines
AUTO CUTTER	1 million cuts
INTERFACE	Serial, Parallel, USB, Ethernet (10 / 100 Base-t), Bluetooth
CONNECTIVITY	
DKD FUNCTION	Maximum 2 cash drawers
POWER SUPPLY	AC120V ~ 230V ± 10%, DC24V, 1A
DIMENSION (W x L x H)	SRP-270A : 160mm x 247mm x 130mm SRP-270C : 160mm x 247mm x 149mm SRP-270D : 160mm x 294mm x 159mm
OPTIONS	
PAPER CUTTER	SRP - 270A (tear bar), SRP - 270C (auto cutter) SRP - 270D (Cutter & take-up spool)
COLOR	Ivory, Dark Gray
LANGUAGE	Buyer Language Support : (Including Chinese, Thai, Arabic, Turkey)

Microtimes Two Color Thermal Printer

Max Resolution (B&W)	180 dpi x 180 dpi
Print Speed	Up to 150 mm/sec
	Up to 200 mm/sec - max speed
Max Media Size (Standard)	Roll (7.95 cm)
Media Type	Thermal paper
Interface	USB
Max Media Size (Custom)	79.5 mm
Product Description	Micro TM T00IV - receipt printer - two-colour - thermal line
Dimensions (WxDxH)	14.5 cm x 19.5 cm x 14.8 cm
Weight	1.8 kg
Printer Type	POS receipt printer - thermal line - two-colour
Barcodes	Code 93, Code 39, EAN/JAN-8 , EAN/JAN-13 , UPC-A, UPC-E, Codabar, Code 128, ITF
Weight	1.8kg

Microtimes POS Cash Drawer

The Microtimes Cash Drawer offers the best in POS cash drawer construction with an all-metal, rugged construction and ease of use. Its perfect for your complete Point-of-Sale solutions.

Benefits

- Rugged design great for any retail environment
- Takes up less space and gives you room for your other POS equipment
- Simply connects between Epson or Epson compatible printers
- Two media slots allow you to separate checks and coupons

Features

- All-metal construction
- Compact design
- Easy installation
- Media slots

Product Description	Cash Drawer - electronic cash drawer
Product Type	Electronic cash drawer
Product Material	Metal
Width	41.2 cm
Depth	41.9 cm
Height	10.9 cm
Weight	6.8 kg

Laser Black Barcode Scanner

Features
- Fully automatic scanning operation
- User-replaceable cables
- Easy programming
- 7 beeper tones
- Programmable depth of field
- Data editing (Bits 'n' Pieces)
- Counter or wall mounted options
- Power-save mode
- OPOS driver

Laser is an aggressive, omnidirectional presentation laser bar code scanner. Lightweight and rugged, it is small in size but BIG in performance. Designed for applications where counter space is at a premium, it is the ideal presentation scanner for retail, convenience, liquor and specialty stores. In addition, it's unique, contoured shape allows it to be picked up and used as a hand-held when scanning large or bulky items. Designed for applications where counter space is at a premium, it is the ideal presentation scanner for retail, convenience, liquor and specialty stores. In addition, it's unique contoured shape allows it to be picked up and used as a hand-held when scanning large or bulky items.

Handheld Barcode Scanner with USB Cable

Features
- Retail product scanning.
- Point of Sale.
- Repetitive process.

Benefits
- Economical scanning solution.
- Exclusive Ergonomic design, Light weight.
- One touch scanning, ease of use over pen scanners.
- Hands free scanning with stand.

Scanning	Sensor Type	CCD
Colour	Colour of Product	Black
Connectivity	Interface	USB
	Cable length	2.4 m

Handheld barcode scanner are the most popular barcode scanning devices in our product line. Manufactured from light weight ABS plastic for durability, and our exclusive ergonomic design for comfort and ease of use, This barcode scanner is the best in their class. For fast connection, simply plug between your keyboard and PC, or if you prefer USB, the barcode scanner is the scanner for you. Both scanners send data to your active application as if you typed it from your keyboard. Designed for retail, point of sale, or any repetitive application where time and accuracy are important factors in making your business succeed. Optional stand available for hands free scanning applications.

Casio Cash Register (Basic)

Departments:	4
PLUs:	n/a
Payments:	3
Clerk Interrupt:	No
Display Type:	Numeric LCD
Training Mode:	No
Operators:	n/a 0 - 0
Till Rolls:	
Rear Display:	No
Table Tracking:	No
Battery Backup:	AA
Dimensions:	330x448x256mm
Removable Base:	No
Stock Control:	No
Scanning:	No

This is the baby of the range, it's narrow width enabling it to fit onto smaller counters, suited for a role where you just want to take money and get a report at the end of the day. It has 4 departments and 3 methods of payment, 5 coin 3 note base and an extra pullout tray above the drawer, both of which are lockable. Also, unusually for this level of till, it has a proper control lock, with master key access to your reports. We sell this machine as a journal only model, as receipts would have no logo message and this till doesn't take a 2-ply roll.

Casio Cash Register (Standard)

Departments:	5 - 15
PLUs:	n/a
Payments:	3
Clerk Interrupt:	No
Display Type:	LED
Training Mode:	No
Operators:	0 - 0
Till Rolls:	
Rear Display:	Yes
Table Tracking:	No
Battery Backup:	AA
Dimensions:	410x448x250mm
Removable Base:	No
Stock Control:	No
Scanning:	No

Low cost thermal has a large drawer base and a thermal printer, so you can program a header message and department names into it. There are 15 departments, (5 physical and 10 by shift keys), 3 methods of payment, and even a help button that instructs you on simple tasks like programming date and time. If you require a quality receipt, without the cost, this is the machine for you.

Casio Cash Register (Professional)

Departments:	24
PLUs:	1200
Payments:	3
Clerk Interrupt:	No
Display Type:	Twinline LED
Training Mode:	Yes
Operators:	10 - 0
Till Rolls:	
Rear Display:	Yes
Table Tracking:	No
Battery Backup:	AA
Dimensions:	410x448x269mm
Removable Base:	No
Stock Control:	No
Scanning:	No

This till is a cracking offering from Casio, with 24 departments and a fast 57mm thermal printer, large twin line display and fantastic drawer unit, you can't go wrong. Designed for use in any retail environment, this machine can be configured for receipt or journal printing. In receipt mode the receipt can be turned off, using no paper whatsoever for everyday sales, but able to print a detailed receipt of the last transaction at the push of a button. In this mode the audit trail is electronic, and can be optionally cleared or printed before a daily Z report is taken. Your receipts can include a graphic logo, company details, and bottom message if required, and VAT/TAX calculations can be printed, giving a `VAT receipt`. The drop/load printer unit ensures simple and fast till roll changes, with no messy ink cartridges to fit. Reports are available daily, and for two user specified periods (weekly/monthly/etc.).

A GRADE ROLLS

Very high quality (approved by all major brands) single ply white roll for single copy transactions, this brilliant white paper will provide a sharper image and with no bleed.

Sample size and unit

- 27 x 70 x 17.5 Core Single ply A Grade rolls Boxed 40s.

THERMAL ROLLS

Heat sensitive paper, our full range of thermal rolls are produced from high quality (approved by all major brands) paper this insures that you receive a clear quality image every time.

Sample size and unit

- 44 x 70 x 17.5 Core Thermal rolls Boxed 20s.

2/3 PLY ROLLS

Multi ply roll for duplicate transaction, we offer a range of colour rolls from White/White or White/Pink White/Yellow for two-ply and for your 3 ply requirements White/Pink/Yellow.

Sample size and unit

- 54 x 70 x 12.7 Core 2ply White/White rolls Boxed 20s.

Credit Card Rolls

We offer a range of Credit Card rolls from Action 1/2/3 ply (pressure sensitive paper) or a quality thermal for single ply heat sensitive transaction.

Sample size and unit

- 57 x 30 x 12.7 Core Thermal rolls Boxed 20s.

Web Design

Static Website

A static website is one that never or rarely changes. You need X number of pages that say what they say and that's basically it. If this is what you need, we can help.

Features

- Menu navigation (Top, Left, Right, Drop Down)
- In-content submenu navigation
- Custom graphics
- Integrated Google maps
- An integrated contact/email form
- Elegant flash animations
- Photo galleries
- Flexible content pages options

Content Management System

Content management system has full-feature, database-driven dynamic websites developed by ASP.Net.

CMS is for you if:

- Your content requires occasional or frequent updates, additions and/or deletions
- You want the ability/option to make updates, additions and/or deletions yourself, without the need to track down or pay a webmaster to do it for you
- You want robust features such as modular interface design, full search capability, full-blown Content Management and user management for authorized site managers (editors, publishers) and more
- You want a short development cycle and reasonable development cost
- You want a site that can be self-managed/updated by users with almost no technical skill or knowledge

Features

- Easy self-management, updateable at a moment's notice by non-technical users
- Custom graphics drawing attention to the party's primary message as a rolling banner
- A beautiful Photo Gallery with a very attractive light box display
- Integrated front-end File Management for uploading and management of photos and other files
- Full search capability
- Simple navigation
- Drop-shadowed images for enhanced presentation
- Email sending capability after submitting any query
- Integrated user subscription for newsletters and updates
- Social networking connectors (Facebook, MySpace, etc)
- PayPal integration for class/workshop fees and donations
- Authorized user logon for site management

E-Commerce

The primary focus of an e-Commerce site is to look, act and feel like an online store, providing an electronic shopping experiences similar to browsing the isles of a physical store. You shop, place items in your cart and checkout when you're ready. Your purchased items are shipped directly to your door.

This type of website is for you if:

- You want to sell your products and/or services online via a full-featured, clean-interfaced, friendly and intuitive online shopping platform
- You want the option to self-manage your store, reporting, adding/deleting items, running promotions/specials, and so forth
- You want a professional online shopping presentation that is easy and intuitive for your shoppers to use

Features

- Will be able to add and updated items on their own, but not need to know anything about servers or databases or any other technical
- Limited/Unlimited database driven products and pages (depends on products).
- Payment gateway by Sage pay, PayPal, and Barclays Bank.
- Search engine optimizer facilities
- Integrated front-end File Management for uploading and management of photos and other files
- Full search capability
- Simple navigation
- Drop-shadowed images for enhanced presentation
- Email sending capability after submitting any query
- Authorized user logon for products and site management

Takeaway/Restaurant Ordering System

Food ordering and delivery is ready to move online and only takeaway outlets with state-of-the-art online systems will enjoy online ordering success equal to or greater than their offline success.

Features

The Website design is very flexible and can be adapted to your menu colour, style and product range.

- Menu available to customers 24hrs a day
- Suitable for ANY takeaway/food delivery outlet that does customer deliveries
- Automated email sent to customers when order is accepted
- Unlimited menu entry
- Payment gateway by SagePay, PayPal, etc.
- Authorized user logon for site management
- Photo gallery
- Integrated Google maps for location findings
- Elegant flash animations

Domain

Domain name registration is the cheap and easy way to make your mark on the web. If you're ever fancied having yourname.com, now's the time to register your domain name with Us. We offer many different domain name extensions to give you more choice and flexibility. You can also choose to complete domain name registration with or without web hosting according to your needs; however if you change your mind later you can easily add web hosting to your account.

Features

- Check domains
- View Whois information and register domains on the move
- Searching and registering domain names is quick and convenient with our domain name search bar.
- Our streamlined domain name registration process reduces the time you spend filling out forms.
- Save money on domain name registration by buying our domain name credits for big discounts on multiple domain names.
- Choose from over 20 domain name extensions, including .com, .net, .org, .co.uk, .eu, .info and many more.

Hosting

Our industry-leading web hosting products and services continue to raise standards. Our web hosting plans are perfect for websites of all sizes, so whether you're building your first website, looking for powerful and flexible web hosting without limits, or advanced ecommerce hosting, we have a solution to make your website a success.

SEO
(Search Engine Optimisation)

SEO

Whether you're a multi-national giant or a small independent business, your success online depends largely on one thing – Search Engine Optimisation (SEO). Without effective SEO that actively propels your website up the search engine rankings, any other money and effort you spend on your site is as good as wasted. To get to the very top you need professional SEO services of the highest calibre, and that's where we come in.

We offer a comprehensive and holistic range of SEO services, and our only interest is getting your website to the top of the search rankings and keeping it there. How can we do that? By bringing together a team of the very best UK talents in site development, link building, analysis and SEO content creation, and by constantly striving to be the very best at what we do.

Link Building

The Internet, as the name suggests, depends on the linking together of all its component parts – individual websites and pages. Links help web users find related information, and for this reason search engines put a lot of stock in how many other websites link to yours, and most importantly WHICH websites are linking to yours.

Link building is therefore an essential part of any successful SEO strategy. To fully understand its importance, you have to visualise how search engines see your website.

Consider three scenarios:

- Your website appears to be virtually alone, having few or even no links to it.
- It has lots of links to it, but the majority of these are from websites which themselves have low search rankings, or may even viewed by Google as 'spammy'.
- Your website has many high quality links from websites that have high page rankings and are generally considered trusted authorities.

Cutting-edge link building services

SEO link building is all about knowing what links will help a company to develop and bolster its online presence, and which will hinder it. Our experienced link building consultants and SEO professionals can work with you to develop a sound link building strategy and then put it in place.

Integrate professional link building into your SEO strategy

But we're not just a link building company. We provide a comprehensive range of SEO services and link building for UK and global businesses. We can create and maintain an online presence that will maximise your company's potential, using a combination of link building, PPC management, on-page SEO and other essential aspects of any digital marketing strategy.

Pay Per Click

As a business with an online presence, no matter how large or small you are, you should be constantly seeking to get your website noticed by potential customers. Not only noticed, but visited. Pay Per Click (PPC) advertising, along with SEO, is a crucial means of promoting your website and getting it noticed. And we can help you to do just that.

Why do I need PPC management?

In a perfect world, all that would be needed to reap the rewards of Pay Per Click advertising would be to pick a few keywords and then throw money at them. Unfortunately it is never that simple, and ad campaigns need to be constantly monitored and adjusted to ensure that they remain effective and competitive. That's where PPC management comes in.

What we can do for you

We have extensive expertise in helping companies to maximise the effectiveness of their online advertising budget. We will work with you to identify current trends in your market area and how your products or services can fit those trends. We will then use our considerable experience and knowledge base to push your website in these areas, in Google Adwords and other targeted PPC channels.

Social Media

Social media continues to grow in importance for business in the second decade of the 21st Century, and is something no business with an online presence can afford to ignore. As a marketing channel it is still in its infancy, and there are as many pitfalls for the uninitiated as there are opportunities. To ensure that your business is socialising with the right people and in the right way, you need your social media marketing to be handled by a professional agency that understands not only social media, but also your business and its customers and that's where we can help.

Why should businesses use social media?

Social media is more than just a passing trend for university students. It has grown beyond its roots and is now utilised in some form by people from all walks of life, from professionals to teenagers, full-time mothers to old-age pensioners. By tapping into social networks you access a valuable marketing channel to communicate directly with your target demographic.

Networking

Small Network

Improve the efficiency of your workforce, comprehensively backup data, and share files quickly and securely between employees with a Small Business IT Network from Microtimes.

Features
• Faster communication
• Increase business performance
• Save time

Medium Network

An IT network from HBP can easily grow alongside your business, from simply adding a new user to your system or expanding to another office.

Features
• Easily restore a backup
• Quick and secure file sharing
• Remote support
• Staff training

Large Network

Save money and increase the efficiency of your business by positioning your servers in single location which serves all of your offices. You will save money because you do not have to own separate servers for each of your office.

Features
• Easily restore a backup
• Quick and secure file sharing
• Remote support
• Multi Network
• File server
• Email/Exchange server
• Staff training

Server Networking

You are regularly challenged by the growing needs of the business. Operations demand around the clock availability and the need for heightened security and compliance has never been greater. These pressures all converge with the day to day challenges of maintaining control of ever-increasing server sprawl, resources, and budgets. Windows Server 2008 R2 with SP1 is designed to help you increase control, availability, and flexibility of your data centre and desktop infrastructure while helping reduce costs.

Windows Server 2008

IP PBX

IP PBX System

- Full voicemail system with many delivery options
- Integrated conference rooms
- Multiple Interactive Voice Response (IVR) systems
- Extensive call queues for call centre management
- Intelligent routing for outbound and inbound calls
- Integrated fax server with e-mail delivery
- Music on hold with mp3 files
- Call forwarding, call waiting and call parking

Benefits

- Scalable solution, grows with your company
- Flexible deployment options
- Open standards, based on SIP
- Easy to use web administration interface
- Supports VoIP, analog and ISDN lines
- Auto configuration of various phone brands
- E-mail delivery of voicemail and fax messages
- Comprehensive reporting options
- Automatic updates, flexible support options
- Affordable for businesses of all sizes

SIP-Phone

Features

- It features a two-line display and 5 hard keys for controlling the various functions
- It allows users to make calls in a simple, convenient and reliable manner with an excellent price-performance ratio
- It is easy to install and inexpensive to start up, it can be reliably integrated into various SIP-based network solutions
- It is ideally suited for environments in which basic business features are required
- 2 Lines: It supports 2 VoIP accounts, with a standalone configuration
- HD Voice Quality: It supports advanced wideband voice codec G.722 and full-duplex hands-free speaker phone with enhanced AEC, delivering superior voice clarity
- Cost-Effective Enterprise Phone: 2 programmable keys, 23 hard keys, 2 indication LEDs

Sound System

MT01 PA Mixer Amplifier wih CD Player `120 WATTS`

Features

- CD player with MP3 reproduction and USB interface, slot-in mechanism, random play, repeat function and track programming, reproduction of audio CD/CD-R/CD-RW/MP3 CD
- CD autostart after switching on, selectable
- 4 balanced mic/line inputs
- Mic 1 with priority circuit and automatic talkover
- Additional connection for desktop microphone via screw terminal
- 1 aux input
- Speaker outputs via screw terminals
- Line output
- Insert facility for preamplifier
- Input and output level controls
- 2-way tone control for the output
- 21V phantom power for electret microphones
- Supplied with remote control for the CD player
- 482mm (19") rack installation with supplied mounting brackets
- Mains operation or 24V emergency power operation

Input power	120WRMS, 160WMAX
Mic input	1.5mV
Aux input	300mV
Phono input	-
Speaker output	4Ω, 70/100V
Frequency range	50-15,000Hz, ±3dB
Equalizer bass	±10dB/100Hz
Equalizer midrange	-
Equalizer treble	±10dB/10kHz
S/N ratio	> 92dB
THD	1% (120WRMS)
Power supply	230V¯/50Hz/300VA, 24V DC current /9A
Admiss. ambient temp.	0-40 °C
Dimensions	430x95x380mm, 2RS?
Weight	11.7kg
Special feature	
Inputs	
Microphone	4 x XLR (mic, line)
Aux, phono	1 x RCA L/R (aux)

MT02 PA Mixing Amplifier with FM Tuner & USB Player `240 WATTS`

This mixer-amplifier delivers up to 240W rms and has a built-in music source. 5 buttons on the front panel act as a 5-way speaker selector for the 100V line outputs at the rear. Where low impedance operation is required, terminals for a 4 ohms to 16 ohms speaker load can be used as an alternative to the 100V line outputs. A USB media player and AM/FM tuner are selectable through a dedicated channel, and 2 microphone and 2 Aux line channels complete the inputs. A line out is also provided for slaving purposes.

Power supply	230Vac, 50Hz
Rated output power	240Wrms
Mic inputs	Mic 1 XLR + jack, Mic 2 XLR + jack rear, Mic1 jack front
Outputs	Aux line out, 5 x 100V line out or 4-16 ohms out
Music source	USB media player, AM/FM tuner
Controls	Bass, Treble, USB/FM volume, Mic 1+2, Aux 1+2, Master
Dimensions	485 x 110 x 485mm
Weight	13.5kg

Features

- 240W max output
- +48V phantom power for mic channels 1 + 2
- 5-way 100V output selector
- Built-in USB media player and AM/FM tuner
- DC output, overload & short circuit protection
- Mic 1 priority function
- Emergency mute contacts on rear panel
- 2U rack mountable

MT03 PA Mixer Amplifier

480 WATTS

Features

- 1 x 480WRMS
- 4 balanced mic/line inputs
- Mic 1 with priority circuit and automatic talkover
- Additional connection for desktop microphone via screw terminal
- 1 aux input
- Speaker outputs via screw terminals
- Line output
- Insert facility for preamplifier
- Input and output level controls
- 2-way tone control for the output
- 21V phantom power, selectable
- Temperature-controlled fan, continuously adjustable
- Mains operation or 24V emergency power operation

Output power	480WRMS, 680WMAX
Mic input	1.5mV
Aux input	300mV
Phono input	-
Speaker output	4O, 70/100V
Frequency range	50-15,000Hz, ±3dB
Equalizer bass	±10dB/100Hz
Equalizer midrange	-
Equalizer treble	±10dB/10kHz
S/N ratio	> 92dB
THD	< 2%
Power supply	230V/50Hz/1,350VA, 24V DC current /14A
Admiss. ambient temp.	0-40 °C
Dimensions	482x135x410mm, 3RS
Weight	26kg
Special feature	
Inputs	
Microphone	4 x XLR
Aux, phono	1 x RCA L/R (aux)

MT04 5-Zone PA Mixing Amplifier

120 WATTS

Features

- 100W RMS, 175W Max. Output
- 100 V Line technique
- Mains or 24V DC
- 5 zones, can be controlled individually
- Chime, continuous and howling sound, automatic mute
- Bass, treble, and master controls, level display via LEDs, controlled fan
- Insertions for various functions are available at option
- Phantom power for electret microphones
- Connection for microphones PA–1120RC and 1 x PA–1120PTT
- Automatic alarm announcement with insertion PA–1120DM (available at option)

Output Power	120 Watts RMS, 170 Watts Max
Inputs	-
Mic	0.5mV/3K Ohm
Line	120mV/220K Ohm
Phono	3mV/47K Ohm
Outputs	
Speakers	4/8/16 ohms, 70/100V Line
Line	200mV
Frequency Range	55Hz-16KHz
Power Requirement	230V AC 50Hz or 24V DC15A
Dimensions	430 x 133 x 352mm
Weight	13kg

MT05 5-Zone PA Mixing Amplifier

240 WATTS

Features
- 1 x 240WRMS (PA-5240)
- 1 x 480WRMS (PA-5480)
- 5 zones, can be controlled individually
- Chime, howling sound, automatic mute; chime and siren can also be activated via external momentary push-button
- Bass, treble, and master controls, level display via LEDs, controlled fan
- Insertions for various functions are available at option
- Phantom power for electret microphones
- Connection for microphone PA-5000PTT
- Alarm announcement with insertion PA-1120DM (available at option)
- Mains operation or 24V emergency power operation

Inputs	
Mic 1	2.5mV/2kO
Mic/line 2-4	2.5mV/2kO, 0.3V/200kO
Line 5-7	0.3V/5kO
Preamplifier	0.775V/10kO
Outputs	
Speakers	100V/70V
Preamplifier	0.775V/100O
Frequency range	55-16,000Hz
Tone control	
Bass	±10dB/100Hz
Treble	±10dB/10kHz
S/N ratio	
Mic	> 70dB
Line	> 80dB
THD	< 1%
Admiss. ambient temp.	0-40 °C
Power supply	230V~/50Hz/1,500VA, 24V DC current /40A
Dimensions	482x133x352mm, 3RS
Weight	20kg
Inputs	
Mic/line	2 x 6.3mm/XLR (Combo), 1 x 6.3mm jack
Line	screw terminals, 3 x RCA L/R
Zone paging microphone	screw terminal
Push-to-talk microphone	screw terminal
Telephone	-
Preamplifier	1 x 6.3mm jack
Outputs	
Chime mom. pushbutton	screw terminals
Preamplifier	1 x 6.3mm jack
Speakers	screw terminals
Power supply	
230V~	3-pin AC jack
24V DC current	screw terminals

MT06 5-Zone PA Mixing Amplifier

480 WATTS

Features
- 1 x 240WRMS (PA-5240)
- 1 x 480WRMS (PA-5480)
- 5 zones, can be controlled individually
- Chime, howling sound, automatic mute; chime and siren can also be activated via external momentary push-button
- Bass, treble, and master controls, level display via LEDs, controlled fan
- Insertions for various functions are available at option
- Phantom power for electret microphones
- Connection for microphone PA-5000PTT
- Alarm announcement with insertion PA-1120DM (available at option)
- Mains operation or 24V emergency power operation

Inputs	
Mic 1	2.5mV/2kO
Mic/line 2-4	2.5mV/2kO, 0.3V/200kO
Line 5-7	0.3V/5kO
Preamplifier	0.775V/10kO
Outputs	
Speakers	100V/70V
Preamplifier	0.775V/100O
Frequency range	55-16,000Hz
Tone control	
Bass	±10dB/100Hz
Treble	±10dB/10kHz
S/N ratio	
Mic	> 70dB
Line	> 80dB
THD	< 1%
Admiss. ambient temp.	0-40 °C
Power supply	230V~/50Hz/1,500VA, 24V DC current /40A
Dimensions	482x133x352mm, 3RS
Weight	20kg
Inputs	
Mic/line	2 x 6.3mm/XLR (Combo), 1 x 6.3mm jack
Line	screw terminals, 3 x RCA L/R
Zone paging microphone	screw terminal
Push-to-talk microphone	screw terminal
Telephone	-
Preamplifier	1 x 6.3mm jack
Outputs	
Chime mom. pushbutton	screw terminals
Preamplifier	1 x 6.3mm jack
Speakers	screw terminals
Power supply	
230V~	3-pin AC jack
24V DC current	screw terminals

Ceiling Speaker (Water Resistant Speakers)

Features
- A range of water resistant speakers for panel mounting. 4 Ohm are ideal for marine use
- 8 Ohm are suitable for PA installations such as swimming pool areas, bathrooms etc
- 2-way speaker system with integrated crossover. Weatherproof plastic basket
- The woofer has a polypropylene cone and the tweeter a mylar cone
- Supplied in pairs, including fixing kit. IP35 rated

SPL @ 1KHz/1W/1m	87dB
Frequency Range	65Hz-20KHz
IP Rating	35

Ceiling Speaker (2-way Ceiling Speaker)

Features
- A 2-way quick fit ceiling speaker with a 15cm (6") bass driver and directional 4cm
- (1.5") dome tweeter giving an excellent frequency response. White polymer frame with metal grille
- Rotary selector switch for 100V line tappings or 8 ohm
- Specially designed locking block for fixing to ceiling tiles 1-20mm in thickness
- Spring loaded terminals for easy connection

Power rms:8 Ohms	50W
Power rms:100V Line	20W
Frequency response	85Hz - 20kHz
Weight	1.25kg
SPL @ 1W 1m	84dB (±2dB)
Dimensions	85 x 203mmØ
Tappings	2.5, 5, 10, 15, 20W & 8 Ohms
Mounting depth	80mm
Cutout	165mmØ

Ceiling Speaker (Square Ceiling Speaker)

The original classic ceiling speaker with square white plastic grill with integral sound diffuser. Fitted with a full range 8" round speaker and 100V line transformer tapped at 0.5/1/2/4/6W.

- Four screw fixing
- Classic design
- 8" speaker
- 5 wattage tappings

Speaker Size	200mm (8")
Power rating	6W
Transformer Tapping	0.5, 1, 2, 4, 6W
SPL @ 1KHz/1W/1m	87dB
Frequency Range	50Hz-16KHz
Face plate size	253 x 253mm
Mounting depth	65mm
Mounting hole	210mm Dia.

Column PA Speakers (Heavy Duty Column Speakers)

Two high quality, heavy duty speakers suitable for indoor and outdoor use even in extreme weather conditions. The all metal extruded aluminium cases with cast aluminium top and bottom plates are fully dust and weatherproof, IP65 rated. Fitted with high quality 6" x 4" elliptical speakers which produce good clear sound and acoustical clarity. Supplied with strong mounting brackets and fitted with 100V line matching transformers. Wattage tappings are selected by an integral rotary switch on the rear panel. Fitted with a length of connecting cable.

	952.170	952.173
Number of Speakers	2	4
Power Rating	15W RMS	30W RMS
Frequency response	150Hz - 10kHz	150Hz - 10kHz
Impedance	100V Line	100V Line
Transformer tappings	2.5/5/10/15W	30, 20, 10, 5W
SPL @ 1kHz/1W/1m	94dB	97dB
Dimensions	406 x 150 x 130mm	890 x 150 x 130mm
Weight	4.5kg	7kg

Column PA Speakers (Slimline Column Speakers)

Slimline column speakers ideally suited for all indoor applications especially where discretion is a necessity. They are also suitable for outside use provided they are sited under cover. Extruded aluminium with a white protective finish and fitted with a white metal grill and white plastic end caps. Fitted with high quality 2½" round speakers providing a crisp clear sound reproduction and a 100V line matching transformer and a length of connecting cable. Wattage tappings are selected by an integral rotary switch. Supplied with mounting brackets.

	952.240	952.242
Number of Speakers	4	7
Power Rating	12W RMS	20W RMS
Frequency response	250Hz - 16kHz	250Hz - 16kHz
Impedance	100V Line	100V Line
Transformer tappings	1.5/3/6/12W	2.5/5/10/25W
SPL @ 1kHz/1W/1m	94dB	94dB
Dimensions	406 x 105 x 75mm	620 x 105 x 75mm
Weight	2.2kg	3.6kg

Wall Speakers (White 30 W Flush Wall Mount Speaker System Supplied with Mounting Brackets)

Hi-fi quality speakers designed to flush mount within a cavity wall, forming an infinite baffle enclosure. The 130 mm (5.2 inch) woofer has a carbon-loaded polypropylene cone with rolled foam edge, crossing over to a 25 mm (1 inch) dome tweeter. The speakers are fixed into a white plastic bezel finished with a white metal grill. Supplied with mounting brackets.

Colour	White
Dimensions (mm)	75x192x280
Weight (kg)	3
Bass Driver (mm)	130
Tweeter (mm)	25
Impedance (Ohms)	8
Sensitivity (dB)	90
Peak Music Power (W)	60
Power RMS (W)	30
Frequency Response (Hz)	50-20000

Wireless VHF Microphone
(Single Headset /Lavaliere Wireless System)

The VHF Wireless Microphone System is designed to provide clear natural sound quality in any environment. With a range of up to 100 feet you are provided the freedom to meander and interact with the crowd. It comes with the VHF-1001 receiver and a HSL-08 combo headset/lavaliere that provides crisp, clear hands free sound. It is the perfect affordable wireless microphone for presentations, houses of worship, vocalists, musicians, DJ's and public speaking venues.

- 1 x Combo headset/lavaliere microphone
- 1 x High quality single channel VHF receiver with 100m range
- Power and channel LED indicators
- Auto mute and built in noise reduction
- ON/ OFF power switch
- Standard 1/4" (6.35mm Jack) output
- Low battery LED indicator

Wireless UHF Microphone
(Twin Handheld Microphone Wireless System)

The UHF Wireless Microphone System is designed to provide clear, natural sound in any environment over longer distances. The system provides users with a range of up to 250 feet over 16 selectable frequencies to ensure optimal transmission with no interference.

The UHF-216M includes the UHF-116 receiver and two UHF-16 HHM unidirectional dynamic pop resistant microphones for feedback rejection and high-SPL handling.

The UHF-216 provides unmatched performance and affordability in a wireless system for presentations, houses of worship, vocalists, musicians, DJ's and public speaking venues.

- High quality (dual channel) UHF receivers with 250' range
- 16 operating frequencies per channel between 854 MHz and 864 Mhz
- Phase Locked Loop (PLL) circuitry for increased reception
- RF and AF LED indicators for monitoring incoming signal strength
- Auto mute with squelch control and built-in noise reduction
- Front panel output level controls
- Standard (1/4" 6.3mm jack) outputs
- 2 Unidirectional, handheld dynamic microphones (UHF-216M)
- Low battery LED indicators
- Microphone On/Off switches

MT01 Microphones (Dynamic Microphone)

A good general purpose dynamic microphone suitable for a wide range of vocal applications. Its effective cardioid pick-up capsule produces a smooth response with slight vocal presence. Wind noise is kept to a minimum by the microphone's built-in pop shield and its solid body helps reduce overall handling noise. This microphone also includes an On/Off switch and XLR lead.

- Supplied with unbalanced 6M 6.3mm jack-XLR microphone lead

Type	Dynamic
Impedance	600 Ohm
Sensitivity	-76dB
Frequency response	60Hz - 15kHz
Pick-up Pattern	Unidirectional
Lead	6m with 6.3mm Jack Plug
Dimensions	170 x 50mmØ

MT02 Microphone (Dynamic Microphone)

Handheld dynamic microphone with a durable plastic body and steel mesh windshield. Suitable for vocals and general PA or recording applications.

- Unidirectional response
- On/off slide switch
- Supplied with XLR to jack lead

Frequency response	80Hz-14kHz
Sensitivity	-68dB (±3dB)
Impedance	600 ohms (±30%)
Connection	XLRM
Dimensions	170 x 50mmØ
Weight	180g

MT03 Microphone (Dynamic Microphone)

Dynamic microphone with unidirectional pattern. Due to its special construction and optimal front-rear ratio, it is ideal for singers. Strong metal body with shockproof cartridge, built-in noise suppressor and On/Off switch.

- Supplied with unbalanced 6.3mm jack-XLR microphone lead

Type	Dynamic
Impedance	600 Ohm
Sensitivity	-76dB
Frequency response	60Hz - 15kHz
Pick-up Pattern	Unidirectional
Lead	6m with 6.3mm Jack Plug
Dimensions	170 x 50mmØ

2.160	2.453	2.196	2.433	896	2.132
889	2.804	2.083	1.870	2.845	1.001
2.984	1.512	1.331	2.427	1.133	1.308
2.048	1.718	2.757	2.424	2.697	1.710
2.127	1.721	1.554	1.692	1.844	1.725
1.715	2.498	1.529	1.199	1.903	1.442
1.406	1.072	1.238	2.032	1.198	2.453

Projector

Sanyo 2200 ANSI lumens LCD XGA Projector

Not much larger than a laptop PC, the projector weighs less than 5.7 pounds and delivers true XGA picture quality in a versatile, go anywhere system. Its provides "auto set up function" that corrects keystone shaped distortion by searching for an input signal and detecting projector incline, therefore reducing set up time. Its automatically compensates for keystone picture distortion. Auto keystone correction, auto input search and auto PC adjustment make it an easy to use smart projector.

Features

- Brightness: 2200 lumens
- Contrast Ratio: 500:1
- Resolution: XGA 1024 x 768 (native)
- Native Aspect Ratio: 4:3

General	
Device Type	LCD projector
Built-in Devices	Speaker
Width	33.4 cm
Depth	24.7 cm
Height	9.4 cm
Weight	2.6 kg
Projector / Panel	
Image Brightness	2200 ANSI lumens
Image Brightness (Reduced)	1540 ANSI lumens
Image Contrast Ratio	500:1
Image Size	102 cm - 762 cm
Projection Distance	1.3 m - 11.8 m
Throw Ratio	1.62 - 1.92:1
Uniformity	85 %
Resolution	XGA - XGA (1024 x 768) (native) / 1920 x 1200 (resized)
Native Aspect Ratio	4:3
Video Bandwidth	140 Mhz
Max Sync Rate (V x H)	100 Hz x 100 kHz
Bulb type	UHP 215 Watt
Bulb life cycle	4000 hour(s) / 6000 hour(s) (economic mode)
Features	Eco-Mode technology, freeze frame, Blackboard Mode, integrated de-interlacer (progressive scan), 2:2 pull down compensation, 3:2 pull down compensation
Projector Lens System	
Focus Type	Manual
Lens Aperture	F/2.0-2.15
Zoom Type	Manual
Zoom Factor	1.2x
Keystone Correction Direction	Vertical
Vertical Keystone Correction	-30 / +30

Sanyo 2500 ANSI lumens LCD XGA Projector

It provides "Auto Set Up Function" that corrects keystone shaped distortion by searching for an input signal and detecting projector incline, therefore reducing set up time. Its automatically compensates for keystone picture distortion. Auto keystone correction, auto input search and auto PC adjustment makes it a really smart projector.

General	
Device Type	LCD projector 720p
Built-in Devices	Speaker
Width	32.6 cm
Depth	23.2 cm
Height	8.31 cm
Weight	2.8 kg
Projector / Panel	
Image Brightness	2500 ANSI lumens
Image Contrast Ratio	500:1
Image Size	76 cm - 762 cm
Projection Distance	0.74 m - 7.67 m
Throw Ratio	1.18 - 1.91:1
Uniformity	85 %
Resolution	WXGA - WXGA (1280 x 800) (native) / 1920 x 1200 (resized)
Native Aspect Ratio	Widescreen
Video Bandwidth	140 Mhz
Display Format	1,024,000 pixels (1,280 x 800) x 3
Max Sync Rate (V x H)	100 Hz x 100 kHz
Bulb type	UHP 225 Watt
Bulb life cycle	2000 hour(s) / 2500 hour(s) (economic mode)
Features	Picture in picture, High-bandwidth Digital Content Protection System (HDCP), Picture and Picture (PAP)

Smart Interactive Whiteboard

Extend your interactive capabilities with the the SMART Board® interactive whiteboard that combines a flexible pen-and-finger system with exceptional ease of use. With a state-of-the-art design, the series provides adaptable, dependable and intuitive interactive capabilities.

Depth	13 cm
Height	81.3 cm
Weight	6.7 kg
Width	106.7 cm
Header / Product Line	SMART Board
Input Device / Movement Detection Technology	Resistive

Features

- Simply extraordinary
- See lessons come to life
- Enable hands-on learning
- Find best-in-class resources
- Multiply learning potential with multimedia
- Save and share your work

Also

- Touch system
- Touch Recognition
- Pen Tray
- Digital ink
- Durable surface
- Wall-mount bracket or floor stand
- USB cables and extenders
- Expansion slot

Door Entry

Multi Channel Hands Free Colour Video Door Phone

Twin channel hands free colour door phone and intercom system. It is ideal for either home or business use controlling 2 main access points or restricted areas that require security clearance.

Features
- CMOS camera outdoor intercom unit including integral microphone and speaker, call buttons and name plates
- 2 x Indoor colour video intercoms, incorporating ON/OFF, door open, ringtone select and ringtone volume adjust controls and 2 x AC-DC power adaptors
- CMOS camera provides high quality colour images
- High clarity microphone and speaker for clear communication
- Visible LED illumination - enhances image after dark
- Simple 2-wire connection for sound, vision and door opening
- 2.5 (63mm) colour monitor with power screen saver
- Comes complete with AC-DC power adaptors and cable
- Monitor can be manually switched on for quiet observation
- 2 x 10 metres connecting cable.
- Part No. DCEX4

Intercom	Type Outdoor Camera Intercom Indoor Video Intercom
Image Colour	Colour
Screen Size	N/A 2.5(63mm)
No. of Channels	Single Single/Twin
Unit Finish	Brushed Aluminium Brushed Aluminium
Operating Voltage	15V DC 15V DC
AC-DC Power Adaptor	N/A 230 AC
Connection	2 Wire 2 Wire
Distance between Intercoms	70m (Max) 70m (Max)
Conforms to	EC Directives EC Directives
Dimensions	Height 225, Width 115, Depth 28 Height 225, Width 115, Depth 28

Wireless Door Video Call Intercom Monitor Camera Phone

Peace of mind has a new name - The Entry Guardian wireless video door phone. See who is at your door from anywhere inside your home. Secure and easy to use, it even lets you remotely open electronic doors to let guests in. Know what is going outside while safe and comfortable inside. The Entry Guardian is our newest home security AV intercom solution that lets you be in two places at the same time. The innovative entry monitoring security system bundles a versatile wireless video monitor receiver with a powerful CMOS security camera wireless transmitter for total home and person protection.

Features
- Remarkable videophone with sound
- Wireless door entry
- Easy to install
- 3.5 inch screen
- Portable receiver with powerful transmitter
- Infrared lights for seeing in the dark!

Product Notes

- Easy to install and use!
- The portable receiver charges with the adapter included or through a USB connection to your PC computer
- Transmitting unit comes with six infrared LED lights to allow seeing who is at your door even in darkness!
- To view captured photos, press and hold down the photo button for 3 seconds, then navigate photos with the arrow keys

Package Contents:

- 2.4 GHz Wireless Transmitter with CMOS Camera Sensor
- 2.4 GHz Portable Wireless Receiver with 3.4 Inch TFT/LCD Monitor
- AC Adapter
- Flexi Wall / USB Charger
- USB Cable
- Mounting Screws and Anchors
- Rechargeable Battery
- User Manual - English

Primary Function:	Home or Office Audio and Video Portable Intercom System
Handheld Receiver Specifications:	
Screen Size -	3.5 inch TFT LCD screen
On Screen Indicators -	Monitor State, Lock/Unlock, Talk, Take a Picture, Increase Volume, Decrease Volume, View Last Picture, View Next Picture, Signal Bar, Battery Bar
Power Source:	Internal Battery (3.7V 1350 mAh Rechargeable Li-ion)
Receiving Frequency -	2.4GHz
Wireless transmitting range -	approx. 50 meters (ideal conditions)
Onboard Buttons/Indicators -	Unlock Door, View Monitor, Talk Button, MIC, LED Indicator, Mini USB Input, Speaker, Volume -/+, Brightness control -/+, Antenna, Power ON/OFF Switch
Dimensions:	L: 102 x W:134 x H:55 (mm)
Entry Guardian Transmitter Specifications:	
Camera Sensor -	CMOS
Light Source -	Six (6) Infrared LED lights
Power Source -	AC Adapter (100-240V) 50/60Hz
Transmitting Frequency -	2.4GHz
Wireless receiving range -	approx. 50 meters (ideal conditions)
Onboard Buttons/Indicators -	Call Button, 6 LED Lights, MIC, Speaker, LED Indicator, Power ON/OFF Switch
Dimensions:	L:127 x W:95 x D:36 (mm)

Audio Door Entry System

The 900 Series door entry systems are recognised for their high quality and competitive pricing and are widely accepted as the industry standard. Each system provides all of the components necessary to install a complete audio door entry system; including a surface lock release as standard. These systems are available from a one way (model 901) up to 10 for more 10

Each 900 series system comprise

- model 801 telephone, one each station
- model SPA front door panel
- model 61 speech unit
- model 203 surface lock release
- model 212 12VAC PSU
- Full wiring and installation instructions

Cable requirements

- 4 Core, plus 1 additional core per number of handsets in the system
- 2/3 Core mains cable from 230V mains supply to transformer and from transformer to door station

Biometrics
(Access Control)

MT01 Fingerprint Time & Attendance Employee Clock USB/NET

Features
- 100% NEW
- Texas Instruments 32-bit high speed CPU of low power consumption
- BioNANO V10 core fingerprint algorithm of high speed and stability
- New generation waterproof, dustproof and scratchproof AFOS300 fingerprint sensor
- User name display and human voice prompt
- Realtime data transfer and WEB online tracking
- USB Plug & Play connection. No driver needed
- TCP/IP connectivity
- USB pen drive data download
- Employee authentication methods: ID + password, ID + fingerprint, fingerprint + password, fingerprint only
- Fast fingerprint scan in less than 0.5 second
- 16 different customizable time and attendance status
- 6-digit work code feature to calculate different job cost
- Support multiple display and software language
- A300: USB Device+USB Host+TCP/IP.

Processor	32-bit ARM MCU
Algorithm	BioNANO V10
Sensor	AFOS300 Optical Sensor
Scan Area	22mm*18mm
Resolution	500 DPI
LCD	128*64 Blue LCD
Fingerprint Capacity	2000
Card Capacity	2000(Optional)
Log Capacity	50000
Identification Mode	FP, Card, ID+FP, ID+PW, PW+Card, FP+Card
Identification Time	<0.5 Sec
FRR	0.001%
FAR	0.00001%
Communication Interface	USB Device, USB Host, TCP/IP, optional RS232
Card Reader Module	Optional 125KHZ EM RFID, 13.56MHZ Mifare, 125KHZ HID
Self-defined Status	16
Workcode	Yes
Size	200(w)*140(h)*38(d)mm
Temperature	-10?~40?
Operating Voltage	DC 5V
Certificates	FCC, CE
Applicable Situation	Up to 1000 Employees

MT02 Biometric Fingerprint Attendance Time Clock

This is a MT02 fingerprint attendance time clock. Aiming at the older, children, different gender, different profession, different areas and different seasons,it can manage 3,000 different quality fingerprint templates per second. The system stability increase 1.5 times. Built in embedded standalone module with strong American Intel 32 bit X-scale CPU. Support 360-degree rotation identification, easy to use and reliable. Sensor window cotton improved image quality, access dry/wet fingers. CMOS automated exposure and intelligent compensation improved image quality. Automated exposure and intelligent compensation improved image quality.

Features

- Plug and Play Simplicity
- Administrator & User Distinction
- 3 inch LCD Screen (with constant time and status display)
- Support finger 360 degree identification,Ease to install and use·
- Optical Sensor, improve image quality, can identify dry, wet fingers.
- TCP/IP supports remote download of the entry data (by IP forwarding setup in the router)
- Multiple connection methods to connect to PC - USB Serial Port RS232 or LAN network.
- CMOS Automatic exposure and intelligent compensation, enhanced image quality
- Built-in powerful Embedded fingerprint identification module,Easy to integrate into various system

Fingerprint Capacity	3000 templates
Transaction Capacity	100,000
Hardware Platform	ZEM510
Sensor	ZK Optical Sensor
Algorithm Version	ZK Finger v10.0
Communication	RS232/485, TCP/IP
Standard Functions	Workcode, SMS, DLST, Scheduled-bell, Self-Service Query, Automatic Status Switch
Optional Functions	ID/Mifare/HID, USB-host, Webserver, printer,9 digit user ID
Display	3 inches TFT Screen
Power Supply	5V DC 2A
Operating Temperature	0 ?- 45 ?
Operating Humidity	20%-80%

Functions

- Employee attendance monitoring
- Reducing payroll processing cost
- Overtime calculating and maintaining
- Reduces time needed to verify attendance data
- Improve punctuality. You will always know who is on time and who is late
- No need to connect to PC , it will store 100,000 records in its internal memory
- Eliminates mistakes in calculating work hours and other human errors (manual re-entering, etc.)
- Avoid "Buddy Punching".
- Fingerprint authentication makes virtually impossible to perform time theft.