

Smart Dome Camera, Day & Night, 22x  
Zoom, WDR




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**FEATURES**

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- 1/4" WDR ExView, P/S 410.000 pixels, CCD
- 480 TVL Horizontal Resolution
- 22x optical motorized zoom with additional 10x digital zoom
- Sensitivity: 0.7 lux Colour (x 128 with "Sens Up")
- 360° Endless PAN (via slip rings)
- Preset Speed: PAN 400°/sec & TILT 200°/sec
- Remote Control Interfaces: RS-485, RS-422
- MPEG-4 & M-JPEG compression modes (max. 25 fps)
- LAN Connection: 10/100 base-T (RJ-45)
- Network Protocols: HTTP, FTP, SMTP, TCP, UDP, IP, DHCP, DNS, ARP, NTP, PPPoE, DDNS, RTP, RTSP

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**SUMMARY**

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pan/tilt unit with integrated telemetry receiver and built-in compact camera, variable pan speed ranging from 0.1°-180°/sec, 360° continuous pan, 400°/sec preset pan speed, variable tilt speed from 0.1°-90°/sec, 4 integrated alarm inputs, 3 alarm outputs, 128 programmable preset positions, camera settings programmable per preposition, 3 programmable pattern tours, automatic system check (data exchange), activity detection, auto homing, picture in picture in digizoom mode, 16 different telemetrie protocols, 12 dynamic privacy zone masking.

The built-in network server is a high-performace, dual codec, dual stream, video encoding unit. It compresses the video signal into two MPEG or MJPEG video streams simultaneously. In addition, it transmits the stream data out through network on realtime basis in order to remotly monitor and record it repectively. The encoder supports various network protocols like HTTP,FTP,SMTP,UDP,IP etc.

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**SPECIFICATIONS**

Camera Type	Day & Night (Colour & B/W) DOME camera
Image Sensor	1/4" CCD (Sony WDR Ex-View HAD CCD)
Image Size	Pixel Total: 795 x 596, Pixel Effective: 752 x 582
Scanning System	PAL, 50Hz, 2:1 Inter Line Transfer
Resolution	480 (H) lines
Sensitivity	0.7 lux (Colour) 0.07 lux (B&W)
Pan Speed	Manual: 0.1°/sec - 180°/sec (64 steps) Preset: 400°/sec (max)
Tilt Speed	Manual: 0.8°/sec - 45°/sec Preset: 150°/sec (max)
Range Panning	360° endless
Range Tilting	0° ~ 180°
Number of Auto PAN	4 ea
Number of Preset	128
Number of Pattern	3
Number of Privacy Zones	12 ea
Day/Night	On/Off/Auto
Motion Detection	On/Off
Wide Dynamic Range	On/Off
Digital Zoom	Off/1 ~ 10x
High Speed Shutter	Off ~ 1/10,000 sec
Sens Up	Off ~ x128, auto
BLC	On/Off
AGC	Off, Low, High
ELC	On (max. 1/10,000 sec)
Line Lock	Off(DC power), On (AC power)
Camera ID	Off / On
White Balance	ATW-1/ATW-2/AWC/Manual
S/N Ratio	50 dB
Video Output(s)	1 CVBS, 1Vpp, BNC
Focal Length	3.6 ~ 79.2 mm
Zoom Ratio	x 22
Aperture Ratio	F 1.6(Wide) ~ F3.8 (Tele)
Viewing Angle Tele	2°3'(H), 1°7'(V)
Viewing Angle Wide	47°9'(H), 36°9'(V)
OSD	Yes, D,E,F,UK
Alarm	Input: 4 / Output: 3
Remote Control	RS485, RS422

Design and specifications are subject to change without notice

Status 01/2008



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**SPECIFICATIONS**

Server OS	Embedded LINUX (supported)
Client OS	Win 2000 / XP (Support)
Client CPU	INTEL Pentium III 1 GHz (or higher)
Client Memory	256 MB (or higher)
Client Graphic Acceleator	DirectX 8.1 (or higher)
Web Browser	MS Internet Explorer 5.0 (or higher)
Video Compression	MPEG4 or MJPEG (NOT simultaneously)
Flash Memory	8 MByte
SDRAM	32 MByte
Network	Ethernet: 10/100 BaseT ADSL Static IP ADSL Dynamic IP(PPPoE)Cable Network(Dynamic IP)
Video Resolution	PAL: VGA 640 x 480 pixels NTSC: VGA 640 x 480 pixels
Video Quality	High, Medium, Low
Performance	MPEG4: VGA 25 fps MJPEG: VGA 25 fps
Connection Users	MPEG4: Multicast max. 20 Users MJPEG: Multicast max. 10 Users
Alarm Control	MJPEG Support only (MPEG4 is not supported!)
Alarm - FTP & SMTP	On Alarm Image will be send
Pre-Alarm	max 60 images
Post-Alarm	max 60 Images
Recording	Max 10 min can be recorded if available PC Hard Disc space is bigger than 20% of total capacity
IP Notification	The IP address is sent by FTP and/or SMTP, when a dynamic IP is received
IP Installer	IP Address Installation Function (Win XP & 2000 support)
Software Upgrade	Firmware Upgrade by Web Browser
Login Access Level	Guest, Administrator, Operater, User
Security	IP Filtering
Time Setting	Setting by NTP Server local or internet
PTZ Control	Auto PAN, Preset, Scan Function Support
Sequence	1 Channel / 4 Channel Sequence Support
Languages	English only!
Operating Temperature	-10°C ~ +50°C
Humidity	less than 90%
Supply Voltage	AC24V(50Hz)±10%
Power Consumption	20 W
Weight	1.7 kg
Dimensions w*h*d	Ø 160 x 177 mm

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