I-Vue™ PTZ
Outdoor/Indoor IP Speed Dome

H.264 compression, IP transmission, industry beating features and video motion detection all combined in a high quality, vandal resistant surveillance camera.

I-Vue™ PTZ is designed in keeping with COE's flexible, scalable video transmission product range, providing a full range of compression options, as well as dual streaming Ethernet output and analogue composite output.

Key features of I-Vue PTZ include:

- H.264, MPEG4 and MJPEG compression over IP Ethernet & simultaneous analogue output.

- High resolution video streaming: D1 (720 x 576 pixels) @ 30 frames per second.

- 360º continuous rotation head, 100x Zoom, 128 presets, tours and auto scan.

- Fully compatible with COE I-Command™ for optimised video management.

I-Vue PTZ features 100x Zoom (10x Optical, 10x Digital), H.264 compression and high quality performance, I-Vue PTZ is ideal for use in any network requiring a high performance PTZ dome camera. State of the art technology such as Micro SD support, integrated video motion detection and H.264 encoding compliment innovative features such as screenshots and automatic e-mailing of incident alerts. This ensures I-Vue PTZ is a future proofed, cost effective solution for video transmission across any network infrastructure.

Product Codes

IVUE-PTZ-321040 Outdoor/Indoor IP Speed Dome Camera, 10x Optical, 10x Digital Zoom, vandal resistant, 500TVL, 1/4" CCD Sony sensor, IR cut Day/night mode, VMD, SD memory option, 12Vdc power. PSU included.

Brackets/Accessories *Please refer to 'I-Vue PTZ Brackets & Accessories' sheet for a full range of supplementary products. Contact COE for supplementary/replacement power supplies, cables etc.*

I-Vue™ PTZ
Technical Specifications

Camera

Sensor	1/4" Sony Super HAD CCD, 410K Pixel
Active Pixels	752 x 582 (PAL) / 768 x 494 (NTSC)
Scanning System	2 : 1 Interlace
Horizontal Resolution	570 TVL (B&W) / 500 TVL (Colour)
Minimum Illumination	0.7 Lux (50% APL): Day & Night Off (Colour) 0.02 Lux (50% APL): Day & Night On (B&W)
Lens	10X Optical Day & Night F1.8 f = 3.8 ~38.0 mm
Day & Night	IR Cut Filter, DSS
Shutter Speed	1/50sec ~ 1/120,000sec (PAL) 1/60sec ~ 1/120,000sec (NTSC)

Codec (Encoder)

Compression	H.264, MPEG4, MJPEG
Resolution	D1 (720 x 576) , 2CIF (704 x 288) CIF (352 x 288), QCIF (176 x 144)
Frame Rate	Up to 25 (PAL) / 30 fps (NTSC)
Number of Streams	Dual Stream
Bit Rate	128Kb to 4Mb
Video Output	Analogue composite and Ethernet
On Screen Display	Time, date, camera title, etc
Video Motion Detection	Included

Data, Audio & Binary

Data Format	RS485
Audio Input	1x Channel (Line Level: 1V p-p)
Audio Output	1x Channel
Compression Algorithm	G711
Binary Input	1x Contact
Binary Output	1x Relay O/P

Network

Protocol	DHCP, ARP, HTTP, RTP, NTP, UDP unicast, UDP multicast, TCP/IP, ICMP, IGMP
Configuration	Built-in web server
Software Upgrade	Remote flash programmable

Dome

Pan Angle / Speed	360° Cont. rotation, 0.05° ~360° /sec
Tilt Angle / Speed	0° ~ 90° , 0.1° ~ 90° / sec
Presets	128
Auto Scan	8
Guard Tours	8
Patterns	4

Physical Interfaces

Video Output	1x Screw Terminal (BNC adapter inc.)
Data Binary I/0, Power	Screw Terminal
Audio Input/Output	Multi way connector
Network Connector	10/100Base-T (RJ45)
Memory Slot	Micro SD

Power Requirements

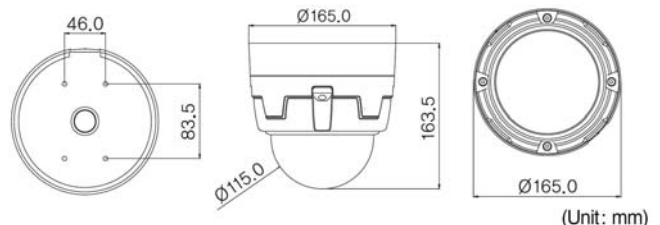|	
Power Consumption	12V DC, 850mA
PSU (Included)	Input:100-240VAC 50-60Hz 1.2A Max. Output: 12VDC @ 3Amps

Environmental Resilience

Temperature	-10°C to +50°C
Humidity	Up to 85% RH (Non-condensing)
Protection Rating	IP66
MTBF	9 Years

Mechanical Specifications

Weight	1.87Kg
Material	Aluminium die casting /Polycarbonate
Colour	Ivory / Black
Dimensions	Housing: 165(Ø) x 163.5(H) mm Dome: 115(Ø)

EMC Specifications

Ranking	EN 55022:2006, Class A EN 50130-4:1995+A1:1998+A2:2003

46.0 Ø165.0 83.5 Ø115.0 163.5 Ø165.0 (Unit: mm)

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