



I-Vue® PTZ

Indoor/Outdoor Analytical IP Speed Dome



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



I-Vue® PTZ utilises the latest H.264 compression algorithm to deliver superior picture quality at reduced bandwidth across an Ethernet network. In addition, I-Vue PTZ features on-board I-Command SmartDetect intelligent video analytics capabilities, which enhance the function of the camera and increases surveillance effectiveness.

Key Features of I-Vue PTZ Include:

- ▷ **Advanced Pan/Tilt/Zoom control.**
 - With 360° continuous head rotation, 100x zoom, 128 presets, four settings etc. I-Vue PTZ is a powerful camera which offers the operator complete control.
- ▷ **Video analytics enhancement.**
 - Utilising embedded SmartDetect Essentials or SmartDetect Advanced (optional) analytics, rules such as object detection, line crossing and more can be set. Deployment of SmartDetect analytics enhances operator effectiveness and greatly increases the functionality of analogue cameras. For more information on I-Command SmartDetect, please visit our website at www.coe.co.uk
- ▷ **Meets & exceeds transport standards.**
 - I-Vue cameras are specifically designed for demanding transport and industrial environments. I-Vue PTZ includes features such as audio and contact closure ports to assist its performance in these demanding environments.
- ▷ **Maximum operational flexibility.**
 - I-Vue PTZ features both analogue composite and dual streaming IP Ethernet outputs, perfectly suiting it for deployment in full IP, hybrid and analogue systems.
- ▷ **Highly optimised H.264 compression.**
 - I-Vue PTZ provides best-of-breed video performance (D1 resolution @ 25 frames per second), resulting in highest quality video at low bandwidth for CCTV applications.
- ▷ **Innovative, advanced features.**
 - State of the art technology such as Micro SD support and H.264 encoding compliments innovative features such as screenshots and automatic e-mailing of incident alerts.
- ▷ **Vandal resistant housing.**
 - Enclosed in a sturdy, vandal proof housing, I-Vue PTZ may be deployed with confidence in public space environments.

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 + I-Command SmartDetect Essentials + PSU
I-CMD SD-ADV	I-Command® Smart Detect Advanced analytics license (upgrade)
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 Specification



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	IIR Cut Filter, DSS
Shutter Speed	1/50sec ~ 1/120,000sec (PAL) 1/60sec ~ 1/120,000sec (NTSC)
Automatic Gain Control	Included
Back Light Compensation	Included

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

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

Environmental Resilience

Temperature	-10°C to +60°C
Humidity	Up to 85% RH (Non-Condensing)
Protection Rating	IP66

Network

Protocol	DHCP, ARP, HTTP, RTP, NTP, UDP unicast, UDP multicast, TCP/IP, ICMP, IGMP, SMTP, SNMP, IPv6
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	1 x Screw terminal (BNC adapter inc.)
Data Binary I/O, Power	Screw Terminal
Audio Input/Output	Multi-way connector
Network Connector	10/100Base-T (RJ45)
Memory Slot	Micro SD

Power Requirements

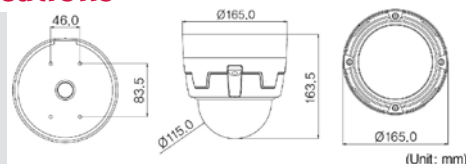
Power Consumption	12V DC, 850mA
PSU (Included)	Input: 100-240VAC 50-60Hz 1.2A Max. Output: 12VDC @ 3Amps

Mechanical Specifications

Weight	1.8kg
Material	Aluminium die casting/Polycarbonate
Colour	Ivory/Black
Dimensions	Housing: 165(Ø) x 163.5(H) mm Dome: 115(Ø) mm

EMC Specifications

Ranking
EN 55022:2006, Class A,
EN 30-4:1995+A1:1998+
A2:2003
EN 61000-3-2:2006
EN 61000-3-3/A2



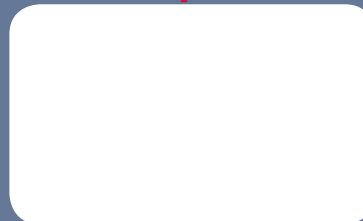
All Specifications are subject to change without notice.

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