



I-Vue[®] MAXI-EXT

Weatherproof Analytical Fixed IP Dome



With H.264 compression, IP transmission and advanced features, I-Vue[®] MAXI-EXT is a high quality, vandal resistant and weatherproof surveillance camera.



I-Vue[®] MAXI-EXT utilises the latest H.264 compression algorithm to deliver superior picture quality at reduced bandwidth across an Ethernet network. In addition, I-Vue MAXI-EXT 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 MAXI-EXT Include:

- ▷ **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
- ▷ **Maximum operational flexibility.**
 - I-Vue MAXI-EXT 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 MAXI-EXT provides best-of-breed video performance (D1 resolution @ 25 frames per second), resulting in highest quality video at low bandwidth for CCTV applications.
- ▷ **Weatherproof and vandal resistant housing.**
 - Enclosed in a sturdy, vandal proof housing capable of enduring an extended temperature range, I-Vue MAXI-EXT may be deployed with confidence in the harshest physical environments.
- ▷ **Meets & exceeds transport standards.**
 - I-Vue cameras are specifically designed for demanding transport and industrial environments. I-Vue MAXI-EXT includes features such as audio and contact closure ports to assist its performance in these demanding environments.
- ▷ **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.

Product Codes:

IVUE-MAXI-EXT-111010	Outdoor IP Dome Camera, vandal resistant, 540TVL, 1/3" CCD Sony sensor, S/W Day/night mode, VMD, SD memory option, 12Vdc power + I-Command SmartDetect Essentials + PSU
IVUE-MAXI-EXT-121010	Outdoor IP Dome Camera, vandal resistant,, 540TVL, 1/3" CCD Sony sensor, IR cut Day/night mode, VMD, SD memory option, 12Vdc power + I-Command SmartDetect Essentials + PSU
IVUE-MAXI-EXT-221010	Outdoor IP Dome Camera, vandal resistant, 560TVL, 1/3" CCD WDR 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 MAXI-EXT Brackets & Accessories' sheet for a full range of supplementary products*

* Contact COE for supplementary/replacement power supplies, cables etc



I-Vue[®] MAXI-EXT

Technical Specification



Camera

Sensor	1/3" Sony Super HAD/DS CCD
Active Pixels	752 x 582 (PAL) / 768 x 494 (NTSC)
Scanning System	2 : 1 Interlace
Horizontal Resolution	See Product Code
Minimum Illumination	0.3 Lux (50% APL) : Day/Night Off (Colour) 0.002 Lux (50% APL) : Day/Night On (B&W) DSS x 128 On
Lens	DC Vari-focal Auto Iris F1.2 f=2.8~10.5 mm
Day & Night	IR Cut Filter (Optional)
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	-40°C to +50°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

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

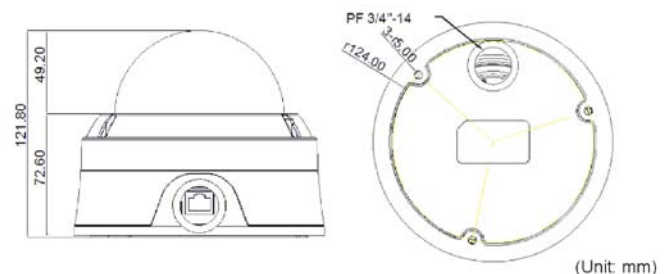
Power Consumption	12V DC, 300mA
Power Source	Input: 100-240VAC 50-60Hz 0.5A Max. Output: 12VDC @ 1.5Amps

Mechanical Specifications

Weight	1.08kg
Material	Aluminium die casting/Polycarbonate
Colour	Ivory/Black
Dimensions	Housing: 150(Ø) x 121.80(H) mm Dome: 49.2(Ø) mm
MTBF	11 Years

EMC Specifications

Ranking	EN 55022:2006, Class A, EN 1304:1995+A1:1998+A2:2003 EN 61000-3-2:2006, EN 61000-3-3/A2:2005
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(Unit: mm)

All Specifications are subject to change without notice.

Issue: 2.0
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This product complies with FCC regulations



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