



I-Vue[®] FX

Analytical IP Box Camera



H.264 compression, IP transmission, video motion detection, advanced analytics (optional) and industry beating features all combined in a compact box camera.



I-Vue[®] FX utilises the latest H.264 compression algorithm to deliver superior picture quality at reduced bandwidth across an Ethernet network. In addition, I-Vue FX 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 FX 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 FX 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 FX provides best-of-breed video performance (D1 resolution @ 25 frames per second), resulting in highest quality video at low bandwidth for CCTV applications.
- ▷ **Meets & exceeds transport standards.**
 - I-Vue cameras are specifically designed for demanding transport and industrial environments. I-Vue FX 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.
- ▷ **Multiple lens options.**
 - By allowing for various lenses to be attached, I-Vue FX becomes ideally suited for use in any environment, requiring any standard or specialist lens.

Product Codes:

IVUE-FX-114100	CS lens mount, 550TVL, 1/3" CCD Sony sensor, S/W Day/night mode, SD and USB memory option, 12Vdc power or PoE + I-Command SmartDetect Essentials + PSU (Lens not included)
IVUE-FX-124100	CS lens mount, 550TVL, 1/3" CCD Sony sensor, IR cut Day/night mode, VMD, SD and USB memory option, 12Vdc power or PoE + I-Command SmartDetect Essentials + PSU (Lens not included)
IVUE-FX-224100	CS lens mount, 550TVL, 1/3" CCD WDR Sony sensor, IR cut Day/night mode, VMD, SD and USB memory option, 12Vdc power or PoE + I-Command SmartDetect Essentials + PSU (Lens not included)
IVUE-FX-LENS-1	CS Mount 1/3" Lens, 3.0-8mm F/1.0, DC Auto Iris with 4 pin connector.
I-CMD SD-ADV	I-Command [®] Smart Detect Advanced analytics license (upgrade)

Contact COE for supplementary/replacement power supplies, cables etc



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Technical Specification



Camera

Sensor	1/3" Sony Super HAD CCD, 410K Pixel
Active Pixels	752 x 596 (PAL) / 768 x 494 (NTSC)
Scanning System	2 : 1 Interlace
Horizontal Resolution	550 TVL (Colour)
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	CS Mount (lens ordered separately)
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	0°C to +60°C
Humidity	Up to 85% RH (Non-Condensing)

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 Source	12V DC, 340mA
Power Consumption	Input: 100-240VAC 50-60Hz 0.5A Max. Output: 12VDC @ 1.5Amps
Power Over Ethernet	IEEE 802.3af Class 0, Type B

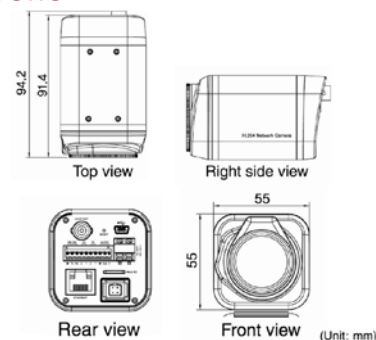
Mechanical Specifications

Weight	0.255kg
Material	Aluminium die casting
Colour	White Pearl
Dimensions	55(w) x 55(H) x 94.2(D) mm
MTBF	9 Years

EMC Specifications

Ranking

EN 55022:2006,
Class A,
EN 130-4:1995
+A1:1998+A2:2003
EN 61000-3-2:2006,
EN 61000-3-3/
A2:2005



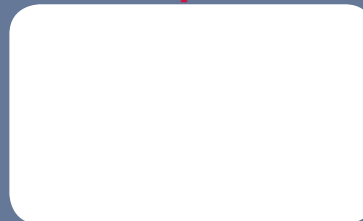
All Specifications are subject to change without notice.

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