



I-Vue™ FX

Compact IP Camera



H.264 compression,
IP transmission, video
motion detection and
industry beating features
all combined in a
compact camera.



The I-Vue™ FX offers a full variety of video compression and outputting options in a very compact package. I-Vue FX has been designed in keeping with COE's flexible, scalable video transmission product range to provide high quality flexible video across any transmission medium.

Key features of I-Vue FX 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.
- High quality performance with multiple lens options.
- Fully compatible with COE I-Command™ for optimised video management.

I-Vue FX features both analogue composite and dual streaming IP Ethernet outputs, perfectly suiting it for full IP, hybrid and analogue systems. 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 ensuring I-Vue FX is a future proofed, cost effective solution for video transmission across any network.

Product Codes

IVUE-FX-114100	CS lens mount, 550TVL, 1/3" CCD Sony sensor, S/W Day/night mode, VMD, SD and USB memory option, 12Vdc power or PoE. Excluding lens. PSU 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. Excluding lens. PSU 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. Excluding lens. PSU included.
IVUE-FX-LENS-1	CS Mount 1/3" Lens, 3.0-8mm F/1.0, DC Auto Iris with 4 pin connector.
Accessories	Contact COE for supplementary/replacement power supplies, cables etc.



I-Vue™ FX

Technical Specifications



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 (<i>lens ordered separately</i>)
Day & Night	IR Cut Filter (Optional)
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
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

Physical Interfaces

Video Output	1x 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, 340mA
PSU (Included)	Input: 100-240VAC 50-60Hz 0.5A Max. Output: 12VDC @ 1.5Amps
Power Over Ethernet	IEEE 802.3af Class 0, Type B

Environmental Resilience

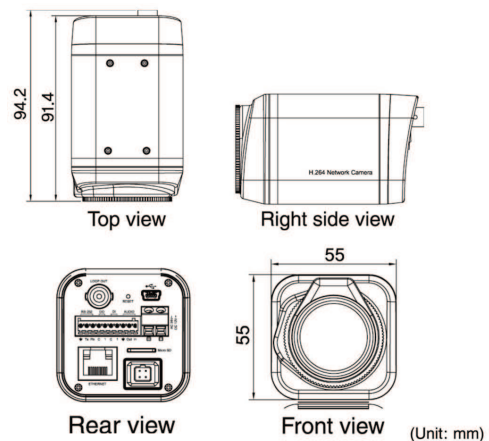
Temperature	0°C to +60°C
Humidity	Up to 85% RH (Non-condensing)
MTBF	9 Years

Mechanical Specifications

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

EMC Specifications

Ranking	EN 55022:2006, Class A, EN 50130-4:1995+A1:1998+A2:2003 EN 61000-3-2:2006, EN 61000-3-3/A2:2005
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