

DATASHEET



CamVu
HyperD

Dedicated Micros CamVu HyperD IP Camera comprises the latest Wide Dynamic Range (WDR) sensor, with our unique NetVu Connected technology to offer incredible low light sensitivity and unrivalled network capabilities.

Perfect for reception and entrance areas the CamVu HyperD exposes shadows and highlights simultaneously, without any under, or over exposure, providing unparalleled picture quality, even in difficult lighting environments and allowing details to be clearly seen, even when backlit.

Dedicated Micros unique Visual Signal Processor (ViSP) allows the CamVu HyperD to transmit multiple simultaneous MPEG-4 and/

or JPEG images to any number of associated NetVu Connected devices for image viewing. Each stream can be tailored to suit the viewers bandwidth requirements. And as part of our growing range of **AnalyticsCapable** products the CamVu HyperD is able to contain the latest analytics solutions from Dedicated Micros* included Valuable Object Watch, Tripwire and Doorway Counting, all locally hosted on the camera.

Ideal for applications where high contrast images are present, such as reception/entrance areas or public transport environments, or where accurate colour rendition is needed such as Gaming or Banking applications.

* Future Release

FEATURES

- Integrated Camera Recording (ICR) and full enterprise video server within the camera
- IP enabled static camera with Award Winning HyperD Technology and unbeatable Wide Dynamic Range (WDR) sensitivity
- HyperD Technology Produces perfect pictures in areas of high contrast e.g. reception / entrance areas
- 0.3 lux F1.2 40 IRE
- Up to 4CIF resolution, 480TVL
- Up to 25pps
- Transmission of multiple, simultaneous video streams in MPEG-4 and JPEG images enables multiple users to view video streams at the settings they require
- **AnalyticsCapable** - enables analytics solutions to be deployed on your CCTV system
- Works with any DM DVR that supports IP Streaming & Recording
- MultiMode Recording - Dynamically-switchable resolution, record-rate & compression (MPEG4/ JPEG) settings
- Compatible with standard 1/3" format CS mount, direct drive iris lenses
- Part of the NetVu Connected family of Video Servers, Cameras, DVRs and control devices
- Webserver for remote configuration of camera features
- Telemetry support of the CamVu HyperD allows it to be paired with a Pan/Tilt housing
- Power over Ethernet (PoE) supported



SPECIFICATION

CAMERA FEATURES	
Imager	1/3" Digital Image Sensor
Video Processing	DPS™ technology
Dynamic Range	95dB typical 120dB max
Effective Pixels	720 (H) x 540 (V)
Sensitivity	0.3 lux 40 IRE
Resolution	QCIF, CIF, 2CIF, 4CIF
Record Rate	max 25pps @ 4CIF, includes on-board Integrated Camera Recording (ICR)
Compression	JPEG and MPEG-4, Multiple Simultaneous streams of either to different viewers
Signal to Noise Ratio	Better than 60dB
Auto White Balance	2500K ~ 9500K; Pro: 2800K~6500K; Wide 2500K-9500K
AGC	Digital
Backlight Compensation	Automatic configuring
Gamma Correction	0.45
Camera Mount	1/4 20 UNC bottom (image can be flipped if camera needs to be inverted)
Alarms	2 alarm inputs and 1 relay output via a 6 way connector (available in future software release)
Supported Telemetry Protocols	<ul style="list-style-type: none"> • RS485 (2 wire) • Protocols supported Dennyard, DM, Pelco P
Audio	<ul style="list-style-type: none"> • 1x audio input (mono) – 3.5mm jack (shared with audio out) • 47k Ω input impedance • Audio Output
Data Connections	<ul style="list-style-type: none"> • Ethernet: 10/100 BaseT RJ45 Connector • Storage: SD port for Integrated Camera Recording (ICR) capability (inc. MicroSD via adapter)
Network Support	DCCP, DHCP, ICMP, TCP, UDP, IP, ARP, RTP, Telnet and FTP
Web Page Configuration	Simple webpage configuration will allow the following functions to be configured; Camera setup, Manual update of viewing profiles, Network, Audio and Alarm Settings, Serial and Telemetry settings
Browser Support	IE 5.5 and above, Firefox 2.0 and above
Developer Support	Java via DM SDK
Compatible DVRs	DV-IP Server, DV-IP HD, DV-IP RT, HighVu Excel, DS2, BX2, SD Advanced
Warranty	2 Years
LENS OPTIONS	
Lens Mount and Focus	'CS' mount, or 'C' mount with adaptor ring (supplied)
Direct Drive (DC iris)	4-pin square type socket on side of the camera
POWER SUPPLY	
Low Voltage	DC: 12V -10% + 15%
Power over Ethernet	IEEE 802.3-2008. End span and bridging injectors supported. PoE Injector supplied.
Consumption	5.5 W including 50mA DC lens
Input Connector	2-way terminal connector on rear panel (DC), or via RJ45 (PoE)
WEIGHTS, MEASURES & MATERIALS	
Dimensions (mm)	LxWxH: 180mm x 76mm x 65mm (7.09" x 2.99" x 2.56")
Weight	0.55kg, 19.5oz
Material	Anodised aluminium case
ENVIRONMENTAL	
Operating Temperature	-10 to +50°C (14 to 122°F)
Operating Humidity	20% to 80% relative humidity, non condensing
Storage Temperature	-10 to +70°C (14 to 158°F)
Storage Humidity	20% to 90% relative humidity, non condensing
MODEL AVAILABILITY	
DM/CMVU-HYPERD	1/3" DPS, Colour, WDR, 12Vdc and POE
ACCESSORIES	
Optional Power Adaptor	VS-PSU15W-EXT 100-240Vac input, 12Vdc 1.25A out
Mains Lead	WM-6A-UK/IEC (UK) or WM-6A-EC/IEC (Europe) or WM-6A-US/IEC (USA)

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To find your nearest Dedicated Micros office, please visit

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