CamVu
Day/Night

With Integrated Camera Recording

Dedicated Micros' CamVu Day/Night Mini-Dome combines sensitivity to IR light at night and true colour rendition during the day with a vandal resistant mini dome housing and unrivalled network capabilities.

VANDAL RESISTANT

Designed for installations where cameras could be susceptible to deliberate or accidental damage, or where they are exposed to harsh environmental conditions such as dust, the CamVu Day/Night dome is built from impact resistant aluminium constructed to an IP66 rating.

MULTIPLE, SIMULTANEOUS VIDEO STREAMS

Dedicated Micros' unique Visual Signal Processor (ViSP) allows the CamVu Day/Night dome 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 viewer's bandwidth requirements.

ANALYTICS*CAPABLE*

As part of our growing range of **Analytics***Capable* products, the CamVu Day/Night dome is able to contain the latest analytics solutions from Dedicated Micros including Object Left/Removed Detection Tripwire and Counting Tripwire, all locally hosted on the camera.

INTEGRATED CAMERA RECORDING (ICR)

Dedicated Micros unique ICR concept combines recording capability and a full enterprise video server within the camera. Achieving fail safe, decentralized recording and video management, ICR reduces the 24/7 dependency on high bandwidth network infrastructure and minimises the associated maintenance costs.

FEATURES

- Vandal resistant, IP mini-dome with Day/Night camera
- True Day/Night mini dome for sensitivity to IR light at night and true colour rendition in daylight
- Up to 4CIF resolution, 540TVL, 25pps
- Integrated Camera Recording and full enterprise video server within camera
- 3.6-9mm vari-focal direct drive F1.6 lens
- Vandal resistant, die cast aluminium body and polycarbonate hemisphere
- Impact tested to BS EN 60068-2-75:1997
- 3-axis GyroView set-up with 180° tilt and 360° pan adjustment allows dome to be wall or ceiling mounted
- Suitable for indoor or outdoor use

- Transmission of multiple, simultaneous video streams in MPEG-4 and JPEG format enables multiple users to view video streams at the settings they require
- Power over Ethernet (PoE) / 12Vdc as standard
- **Analytics***Capable* - enables analytics solutions to be deployed on your CCTV system
- **Multi***Mode* Recording - Dynamically-switchable resolution, record-rate & compression (MPEG4/JPEG) settings
- Local analogue test monitor output for use when positioning and adjusting the camera's field of view and focus
- Web server for remote configuration of camera features
- Uses the latest Chipwrights ViSP to minimise power consumption and heat build up

NetVu CONNECTED

DEDICATED MICROS

SPECIFICATION

IMAGER
1/3" Super HAD™ CCD

VIDEO PROCESSOR
DSP

EFFECTIVE PIXELS
752 (H) x 582 (V)

SENSITIVITY
0.7/0.1 lux for usable picture 40IRE with AGC on, lens at F1.6

HORIZONTAL RESOLUTION
540TVL

OUTPUT RESOLUTION
QCIF, CIF, 2CIF, 4CIF

COMPRESSION
JPEG and MPEG-4, Multiple Simultaneous streams of either to different viewers

STREAMING RATE
Maximum 25pps @ 4CIF

SIGNAL TO NOISE RATIO
Greater than 50dB

DYNAMIC RANGE
50dB

AUTO WHITE BALANCE
2500K ~ 9500K

AGC
On/Off, max <28dB

BACKLIGHT COMPENSATION
On/Off, centre weighted

GAMMA CORRECTION
0.45

SYNCHRONISATION
Internal

ALARMS
2 alarm inputs via a 4 way connector and 1 relay output via a 2 way connector (available in future software release)

AUDIO
1x audio input (mono) – 3.5mm jack, 47kΩinput impedance
1x audio ouput (mono) – 3.5mm jack, 47kΩinput impedance
(Future software release)

LENS
3.6-9mm, DC iris, F1.6

ORIENTATION
3 axis GyroView setup – camera can be wall or ceiling mounted

COMPATIBLE DVRs
DV-IP Server, DV-IP HD, DV-IP RT, HighVu Excel, DS2, BX2, SD Advanced, TransVu (latest generation)

INTEGRATED CAMERA RECORDING (ICR)
Option to record camera footage at the unit as well as any associated DVR or Video Server. An integrated Micro SD expansion port provides local recording capability whilst ATA over Ethernet (AoE) protocol provides highly-secure point-to-point transfer of video files to a separate, remote, storage device for backup and long-term archiving. Enables a tiered storage architecture that ensures no single point of failure.

DATA CONNECTIONS
Ethernet: 10/100 BaseT RJ45 Connector
Storage: SD port for additional pre-alarm storage (future software upgrade)
AoE support for localised external video storage

NETWORK SUPPORT
DCCP, DHCP, ICMP, TCP, UPP, IP, ARP, RTP, Telnet, FTP and SNMP

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

SUPPORT
Applications: NetVu ObserVer, NetVu Console Mobile
Brower: IE 5.5 / Firefox 2.0 and above
Developer: Java via Dedicated Micros SDK

POWER
Voltage: DC 12V -10% + 15%
Consumption:12Vdc, 715mA

POWER OVER ETHERNET
IEEE 802.3-2008. End span and bridging injectors supported

POWER INPUT CONNECTOR
2-way terminal connector (DC), or via RJ45 (PoE)

WEIGHTS, MEASURES & MATERIALS
Dimensions: HxD 104x148mm (4 1/8" x 5 7/8")
Weight: 1.18kg (41.6oz)
Bubble Material: Lexan Polycarbonate
Base Material: Die cast aluminium LM25

ENVIRONMENTAL
IP Rating: IP66
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

WARRANTY
2 Years

AVAILABILITY
Available now through our regular channels or directly from Dedicated Micros.

Model Code	Description
DM/CMVU-VDNU39	Vandal resistant dome, 1/3" Day/Night, 12Vdc / PoE
DM/CMVU-VDNU39N	Vandal resistant dome, 1/3" Day/Night, 12Vdc / PoE NTSC resolution
DM/VS-PSU15W-EXT	Power adaptor 100-240Vac, 12Vdc@1.25A output
DM/WM-6A-EC/IEC	European mains lead for PSU
DM/WM-6A-UKC/IEC	UK mains lead for PSU
DM/WM-6A-US/IEC	US mains lead for PSU
DM/ICE-CAMKIT	Camera setup kit

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