Dennard

2040

2060

NETVU CONNECTED SURVEILLANCE DOMES

The 2040 and 2060 IP Domes are compatible with all NetVu connected products, making them part of a complete networked video management system. As well as providing a complete solution for viewing and controlling DM domes over IP in new installations, existing Dennard 2040 or 2060 domes can be upgraded to IP by fitting a new PSU with integrated DM DV-IP Encoder. This versatility allows a CCTV solution to expand and adapt organically without the cost and trouble of completely replacing and redesigning the installation.

Its integrated Multi*Mode** recording profiles can be set to give the user the flexibility to adjust resolution (QCIF to 4CIF), record rates and compression settings (MPEG-4/JPEG) dynamically across normal and alarm modes. Day, night and weekend schedules are also supported.

The combination of an aluminium pressure die cast outer body parts and impact resistant and polycarbonate hemisphere makes the 2060 highly durable for use in a wide range of outdoor and indoor environments as well as being resilient to vandalism.

The 2040 is a robust, cost effective and compact surveillance dome camera solution designed for the indoor environment. It is quick and simple to install, and comes in two formats suitable either for tile mount, or wall bracket / ceiling pendant mounting.

Dome users to monitor and record high quality images whilst complying with privacy and data protection legislation. Provision of tamper-proof alarm inputs* and bi-directional audio* make the domes compatible with BS8418 Remotely Monitored Detector Activated CCTV Systems.

FEATURES

- Indoor (2040) and ruggedised weatherproof outdoor (2060) versions
- Optically correct, impact resistant hemispheres
- 18x or 36x optical zoom; 4x digital zoom. (18x, 36x on 2060; 18x on 2040)
- Sensitive colour cameras with colour / mono options for low light applications
- 24 privacy zones (up to 8 displayed at one time)
- Robust die cast internal mechanisms with camera movement from 0.05°/sec to 300°/sec
- Comprehensive mounting options including tile and wall or pendant mounting versions
- Optimised compatibility with Dedicated Micros controllers
- Multi-language options
- JPEG/MPEG-4 simultaneous video compression
- Up to 25PPS (PAL), 30PPS (NTSC) record rate
- QCIF, CIF, 2CIF, 4CIF Resolution support
- Dennard serial telemetry support for dome control over IP
- NetVu Connected
- Embedded web pages for basic configuration
- Fully compatible with NetVu ObserVer
- MultiMode Recording support
- SDK available for project customization
- Serial Telemetry support

*Available in future releases

NetVu CONNECTED

Multi*Mode*

DEDICATED MICROS

SPECIFICATIONS

STREAMING
• 25PPS (PAL) : 30PPS (NTSC)

MultiMode RECORDING*
Multi*Mode* recording gives you the ability to set different record rates, resolutions and compression algorithms across scheduled, normal and alarm modes. Multi*Mode* recording profiles can be set per unit, giving you the flexibility to adjust resolution (QCIF to 4CIF), record rates and compression settings (MPEG-4/JPEG) dynamically.

ALARM CONTACTS*
• 3 x Alarm Inputs Total
• Normally Open/Normally Closed software selectable
• Tamper selectable

ALARM SUPPORT (BS8418[1])*
• Tamper (Resistance)
   0 - 900Ohm Tamper (Short circuit)
   900 - 1.2kOhm Normal (Closed)
   1.2 - 12kOhm Alarm (Open)
   12 kOhm - Infinity Tamper (Open circuit)
• Camera Fail Trigger

RESOLUTION
Sampling rate: 13.5 MHz to CCIR 601
Number of pixels: PAL 704h x 576v; NTSC 704h x 480v
16.8 million colours 256 levels of grey, 8-bit luma.

AUDIO (MONO)
• 1 x Audio Input/Output* - Phono
• 47kOhm input/output impedance

NETWORK SUPPORT
• RJ45 Connector
• 10/BaseT
• Protocols Supported; IP, TCP, UDP, TELNET,ICMP, HTTP, ARP

SERIAL PORTS
• 1 x Serial Ports - configured as RS485 telemetry (2 wire) into dome

TEMPERATURE RANGE
• Dome Operating Temp -35°C to 40°C
• Encoder Operating Temp -0°C to 40°C

BROWSER SUPPORT
• IE 5.5 and Above, Netscape 4.7 and above, Firefox 1.5 and above

Note[1]:   *BS-8418 is the UK code of practice for remotely monitored detector activated CCTV systems reporting alarms to remote video receiving centres.*

Camera Module	18x colour (2040)	18x colour / mono (2060)	36x colour / mono (2060)
Type	Sony EX-view HAD 1/4" CCD 430k effective pixels	Sony EX-view HAD 1/4" CCD 430k effective pixels	Sony EX-view HAD 1/4" CCD 430k effective pixels
Resolution (PAL)	460TVL, 440k pixels	460TVL, 440k pixels	460TVL, 440k pixels
Sensitivity Colour	0.05lux	0.05lux	0.05lux
Sensitivity Mono	-	0.01lux	0.01lux
Optical Zoom	18x	18x	36x
Focal length	4.1 to 73.8mm (F1.4 to F3)	4.1 to 73.8mm (F1.4 to F3)	3.5 to 91mm (F1.6 to F3.8)
Angle of View	2.7° (tele) to 48° wide	2.7° (tele) to 48° wide	2.3° (tele) to 55° wide
Digital Zoom	12x	12x	12x
Privacy Masks	24 (up to 8 displayed at once)	24 (up to 8 displayed at once)	24 (up to 8 displayed at once)

	2040 Colour PTZ (Indoor)	2060 Colour/Mono PTZ (Outdoor)
Camera Movement	0.05° to 300°/sec max (both axes) 360° continuous pan rotation	0.05° to 300°/sec max (both axes) 360° continuous pan rotation
Operating Temp	-10°C to +40°C max 90% humidity	-35°C to +40°C max 90% humidity
Material	Injection moulded ABS acrylic body and polycarbonate hemisphere	Pressure die-cast aluminium and injection moulded polycarbonate
Environment	IP40	IP66
Finish	Colour: Ash Grey Plastic parts: RAL9002 Metal parts: Leatherette polyester powdercoat to BS4800 00-A-01	Polyester powdercoat Ash Grey (BS4800 00-A-01)
Ceiling mount dimensions	Ø150mm hemisphere Ø220mm ceiling ring 110mm above ceiling panel 1.5kg	
Pendant mount dimensions	Ø172mm x 203mm high 1.5kg	Ø200mm x 205mm high 1.7kg
PSU	378x177x130mm	378x177x130mm
Voltage	230Vac in 24Vac to dome	230Vac in 24Vac to dome
Power consumption	16W	26W (includes heater and fan)

*Available in future releases

PLEASE CHECK THE WEBSITE FOR DETAILS OF COMPATIBLE PRODUCTS AND OTHER LATEST DEVELOPMENTS

DEDICATED MICROS

CE

www.dedicatedmicros.com