

SmartVu



COST EFFECTIVE HIGH DEFINITION IP CAMERAS

HIGH DEFINITION STREAMING & RECORDING

The new range provides high definition image streams up to 2 mega pixel, with a configurable resolution of up to 1280x720 (16:9) and 1920x1080 (16:9). As part of the AD Group's Network Video portfolio, the new range of SmartVu cameras ensure ease of installation when utilised with the Dedicated Micros NVR Media Server.

NETVU CONNECTED

With NetVu Connected products users can seamlessly integrate Video Servers, Cameras & Domes, Management Systems, mobile viewing devices and video walls together without the costly impact of significant integration time. A shared user interface helps minimise operator training whilst powerful features such as Direct configuration of PTZ Cameras and Domes from connected DVRs helps reduce installation time providing benefits to both end user and installer/integrator. The incredible flexibility of Dedicated Micros NetVu Connected platform enables multi-environment security installations to be achieved with ease. Integration of Fixed and Mobile DVRs and Video Servers alongside products such as FireVu (for Video Smoke Detection) enable large scale solutions with several application requirements to be designed and built with ease.

MULTIPLE, SIMULTANEOUS VIDEO STREAMS

The SmartVu Series are able to transmit multiple simultaneous MPEG-4, or JPEG images to associated NetVu Connected devices for image viewing. Each stream can be tailored to suit the viewer's bandwidth requirements

CLOSED IPTV

Dedicated Micros' award winning Closed IPTV solution combines open standard IP protocols with patent pending innovation to provide simple to install, safe and secure IP video solutions across new or existing networks. Automatically allocating IP addresses to IP cameras by physical port, a Closed IPTV system is completely deterministic, creating firewalls and monitoring point-to-point IP connections so they cannot be hacked or intercepted. Critical to the security of a Closed IPTV system is the unique implementation of Trusted Endpoint technology; a secret signature, applied at lock down, enables endpoint devices such as IP cameras to be secure, immediately triggering a security alert should any interference be detected. This ground breaking solution provides a very simple and secure answer to IP video, meaning that no prior knowledge of IP networking is required. Sophisticated and Dependable network security can be achieved with a single click.

FEATURES

- ❑ High definition IP cameras in 720p and 1080p resolution
- ❑ Internal and External Domes available with IR
- ❑ External PTZ Dome with IR and 22 x zoom
- ❑ NetVu connected for easy installation and setup
- ❑ Transmission of multiple, simultaneous video streams in MPEG-4 and JPEG format enables multiple users to view video streams at the settings they require
- ❑ **MultiMode** Recording - Dynamically-switchable resolution, record-rate & compression (MPEG-4/JPEG) settings
- ❑ Web server for remote configuration of camera features
- ❑ Power over Ethernet (PoE) / 12-24Vdc & 24Vac power options



DATA SHEET

SmartVu DOME CAMERA

The SmartVu Series are high definition IP Cameras offering up to 2 megapixel image streams in a choice of compression formats. With direct configuration from associated Network video recorder (NVR media server), the SmartVu Series contains a powerful suite of enterprise-scale capabilities and Available in both internal and external vandal dome variants the new HD SmartVu product range is also designed for Dedicated Micros next generation of video surveillance - Closed IPTV.



SPECIFICATION

	720 Dome Model	1080 Dome Model
Models available with and without IR illumination and with internal and vandal domes options		
	1/2.8" Sensor Aptina	1/2.8" Sensor Sony
Lens	Vari-focal IR corrected DC Auto Iris 2.8 – 12mm	Vari-focal IR corrected DC Auto Iris3.3 – 12mm
Max. Res / Max frame rate	1280×720 / 30fps	1920×1080 / 30fps
Horizontal field of view	79.3 deg ~ 29.8 deg	
Aspect ratio	16:9	
Light Sensitivity	0.1 Lux @ F1.2 (Colour), (0 lux with IR) High powered IR LEDs	
Shutter	Auto/user 1/5 – 1/50,000 ; 50/60Hz software selectable	
Power	1 Ethernet (10/100 Base-T) RJ45, Audio 1 x RCA input / 1 x RCA output: @1V line level,	
Network protocols supported	HTTP,TCP/IP, UDP/IP, RTSP, FTP, CHP, NTP, PoE, Unicast and Multicast supported	
Operating Temperature	Operating -10C to 55C, Storage -20C to 60C	
Operating Humidity	10% - 85% RH	
Approvals	CE, FCC, RoHS, Vandal Resistant version IK10 & IP66 Weatherproof	

Part No	Description
DM/SV720D	SmartVu 720 Internal Dome (non IR)
DM/SV720DR	SmartVu 720 Internal Dome (with IR)
DM/SV720V	SmartVu 720 Vandal Dome (non IR)
DM/SV720VR	SmartVu 720 Vandal Dome (with IR)
DM/SV1080D	SmartVu 1080 Internal Dome (non IR)
DM/SV1080DR	SmartVu 1080 Internal Dome (with IR)
DM/SV1080V	SmartVu 1080 Vandal Dome (non IR)
DM/SV1080VR	SmartVu 1080 Vandal Dome (with IR)

SmartVu MINI VANDAL DOME CAMERA

The SmartVu Mini Dome series are high definition IP Cameras offering up to 2 megapixel image streams in a choice of compression formats. With direct configuration from associated Network video recorder (NVR media server) and the Dedicated Micros TransVu product range, the SmartVu Series contains a powerful suite of enterprise-scale capabilities and the new HD SmartVu product range is also designed for Dedicated Micros next generation of video surveillance - Closed IPTV.



SPECIFICATION

	720 Mini Dome Model	1080 Mini Dome Model
Models all with IR illumination vandal domes		
	1/3" Sensor Aptina CMOS	1/2.8" Sensor Sony Exmor
Lens	3.6 mm Fixed IR Coated	
Max. Res / Max frame rate	1280x720 / 30fps	1920x1080 / 30fps
Field of view (H / V / D)	77 deg / 54 deg / 100.2 deg	
Aspect ratio	16:9	
Light Sensitivity	0.1 Lux @ F1.2 (Colour), (0 lux with IR) IR LEDs	
Shutter	Auto/user 1/5 – 1/50,0000 ; 50/60Hz software selectable	
Power	Optional microphone Ethernet (10/100 Base-T) RJ45, Audio 1 x RCA input / 1 x RCA output: @IV line level,	
Network protocols supported	12V DC / PoE Class 3 on Ethernet	
Operating Temperature	HTTP, TCP/IP, UDP/IP, RTSP, FTP, CHP, NTP, PoE, Unicast and Multicast supported	
Operating Humidity	Operating -10C to 55C Storage -20C to 60C	
Dimensions	10% - 85% RH	
Approvals	100 x 53 mm	
	CE, FCC, RoHS, Vandal Resistant version IK10 & IP66 Weatherproof	
Part No	Description	
DM/SV720MVR	SmartVu 720 Mini Vandal Dome (with IR)	
DM/SV1080MVR	SmartVu 1080 Mini Vandal Dome (with IR)	

DATA SHEET

SmartVu PTZ DOME CAMERA

The SmartVu PTZ dome camera is a high definition IP Camera offering up to 2 megapixel image streams in a choice of compression formats. With direct configuration from associated Network video recorder (NVR media server), the SmartVu PTZ contains a powerful suite of enterprise-scale capabilities and The new HD SmartVu product range is also designed for Dedicated Micros next generation of video surveillance - Closed IPTV.



SPECIFICATION

	1080 PTZ Dome
Sensor	1/4" CMOS Sensor
Angle of view	55 deg ~ 2.9 deg 22 x optical zoom
Aspect ratio	16:9
Light Sensitivity	0.1 Lux @ F1.2 (Colour), (0 lux with IR) High powered super flux IR LEDs
Aspect ratio	16:9
Light Sensitivity	0.1 Lux @ F1.2 (Colour), (0 lux with IR) IR LEDs
IR Distance	100 meters
Shutter	Auto/user 1/5 – 1/50,0000 ; 50/60Hz software selectable
PTZ function	Pan 0.01 deg – 360/s , Tilt 0.01 deg – 360/s
Alarm	7 Alarm inputs / 2 output
	1 Ethernet (10/100 Base-T) RJ45, Audio 1 x RCA input / 1 x RCA output: @ IV line level,
Power	24V DC / 30W (Max)
Network protocols supported	HTTP, TCP/IP, UDP/IP, RTSP, FTP, CHP, NTP, PoE, Unicast and Multicast supported
Operating Temperature	Operating -5C to 60C (Built in heater and Fan) Storage -20C to 60C
Operating Humidity	10% - 85% RH
Product weight	6.0Kg
Approvals	CE, FCC, RoHS, Vandal Resistant version IK10 & IP66 Weatherproof

Product specifications are produced with the best efforts for accuracy, for product improvements these can be subject to change; always check requirements with your sales manager before ordering.

Part No	Description
DM/SVI080PTZ/22	SmartVu 720 1080 PTZ 22 x Zoom (with IR)

To find your nearest Dedicated Micros office, please visit

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