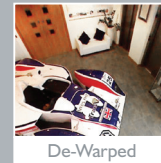


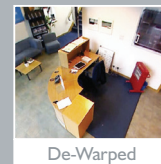
DATA SHEET



De-Warped



De-Warped



De-Warped



Full Fish Eye

Actual Images taken from CamVu 3602

360° MEGAPIXEL IP CAMERA

The new CamVu 3602 IP surveillance camera delivers 360° or 180° panoramic overviews to offices, retailers and schools, together with the advantage of being able to stream up to 7 independently controllable views.

It operates as a completely self contained recording solution installed from a single cable or as part of a multi camera system when connected to the new NVR Media Server, DM's hybrid DVRs or DM's Cloud NVR. In total, the CamVu 3602 provides a secure IP surveillance solution which is cost effective, robust and scalable from a single camera up to 1000's deployed across diverse networks.

360° FEATURES

- Configurable up to 6 de-warped streams operating as virtual PTZ cameras and 1x 360° view
- Each virtual PTZ camera can be configured for individual settings for presets/patrols and can have text in image per stream
- ICR (Integrated Camera Recording): standalone solution or streamed to a NVR Media Server, DM hybrid DVR or Cloud NVR
- Retail transaction data can be embedded per dewarped stream
- **Point&Go** functionality available

INSTALLATION BENEFITS

- Fast to install
- Starts recording with no further configuration
- Vandal resistant surface mount and robust ceiling recessed mounted variants
- Powered via PoE, single cable to install
- Control this and unlimited NetVu Connected systems through NetVu ObserVer and Pick-a-Point video management software*

TECHNICAL SPECIFICATION

CAMERA SPECIFICATIONS

IMAGE SENSOR

1/3" CMOS progressive scan

VIDEO PROCESSOR

SoC DSP (CW5631)

SENSOR ILLUMINATION

1.0V/lux-sec

SHUTTER TIME

1/100s to 1/1s

LENS

Image Format 1/3.2 inch

Mount Type S-Mount (M12x0.5)

Megapixel 2 MP

Focal Length 1.19 mm

Back Focal Length 6.44 mm

Aperture (F) 2

VIDEO SPECIFICATIONS

COMPRESSION

JPEG, H.264 and MPEG-4.

MAXIMUM OUTPUT RESOLUTION

Dewarp 480p (4:3 Ratio)

Warped 2MP (4:3 Ratio)

MAXIMUM IMAGE RATE

Maximum 30pps @ 640 x 480 (single connection to camera)

15pps at up to 1600x1200 (4:3, 2MP)

Dependant on configuration of dewarped stream selected

IMAGE STREAMING

Multiple, simultaneous, individual video streams in any supported compression format, bit rate or resolution can be sent to any connected user

TRANSCODING

Transmit multiple simultaneous MPEG-4, H.264 and/or MJPEG recorded image streams to any number of associated NetVu Connected devices for image viewing. Each stream can be tailored to suit bandwidth requirements. Resolution and format can be dynamically changed without the need to stop and then restart the stream. This operation is carried out independently of high resolution recordings.

INTEGRATED CAMERA RECORDING (ICR)

ICR combines recording capability and a full enterprise video server within the camera. Record camera footage at the unit as well as any associated 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 separate, remote, storage devices for backup and longterm archiving. Enables a tiered storage architecture that ensures no single point of failure.

IMAGE CONTROL

Camera Titles, AWB, Exposure Level and sharpness control

NETWORK & CONFIGURATION SPECIFICATIONS

NETWORK SUPPORT

DCCP, DHCP, HTTP, HTTPS, IPv4, SMTP, Bonjour, ICMP, DNS, NTP, TCP, UPnP, UDP, ICMP, DHCP, ARP, RTP, Telnet, FTP, AoE, SNMP, ZeroConf

WEB PAGE CONFIGURATION

Simple Web page configuration will allow the following functions to be configured: Camera setup, Manual update of viewing profiles, Network

DIRECT CAMERA CONFIGURATION

Directly configure from the associated NetVu Connected Video Server. In addition, when used within a Closed IPTV system, default settings (such as streaming rate, resolution, aspect ratio, telemetry, lens configuration etc.) can be automatically assigned to the camera

INTEGRATION SPECIFICATIONS

APPLICATION SUPPORT

Browser: IE 5.5 / Firefox 2.0 and above

Developer: Java via Dedicated Micros SDK

NETVU OBSERVER - SEAMLESS VIDEO MANAGEMENT

Dedicated Micros NetVu ObserVer video management software allows seamless viewing and control of live and recorded images from any NetVu Connected product (IP or analogue) in a single interface. The ability to view multiple sites simultaneously makes management of any security installation efficient. The inclusion of RVRC (ARC) features such as EDP, event characterisation and report generation make NetVu ObserVer ideal for remote monitoring of multiple sites. (Supplied with Product, Apple Mac Version Available)

GENERAL SPECIFICATIONS

ENCLOSURE

Die cast aluminium LM25 base

CONNECTIONS

Ethernet: 10/100 BaseT RJ45 Connector PoE

Storage: Micro SD slot for recording. Supplied with 32GB class 4 card.

MOUNTING OPTIONS

DM/CV/3602 - Surface Mount

DM/CV/3602/A (NTSC) - Surface Mount

DM/CV/V3602 - Vandal Housing

DM/CV/V3602/A (NTSC) - Vandal Housing

MEASUREMENTS

Surface Mount:

DM/CV/3602

DM/CV/3602/A (NTSC)

WxDxH: 160x160x76mm

(29mm deep ceiling recess required at 98mm diameter; 47mm protrudes below ceiling)

Vandal Housing:

DM/CV/V3602

DM/CV/V3602/A (NTSC)

WxDxH: 148x148x86mm

WEIGHT

Surface Mount:

DM/CV/3602

DM/CV/3602/A (NTSC)

Weight packed: 1Kg

Weight unit: 0.6kg

Vandal Housing:

DM/CV/V3602

DM/CV/V3602/A (NTSC)

Weight packed: 1.5Kg

Weight unit: 1.2kg

POWER

PoE only, consumption 4.5W

POWER OVER ETHERNET

IEEE 802.3-2008. End span and bridging injectors supported. Supplied with a PoE injector to allow power to be applied to the connecting Ethernet cable without the need for a PoE enabled network switch. This allows 48V power (supplied separately) to be provided down the line to the camera on the same cable that is used for data transmission.

ENVIRONMENTAL

Operating Temperature: -10oC to 50oC (14oF to 122oF) (TBC)

Operating Humidity: 20% to 80% relative humidity, non condensing

Storage Temperature: -10oC to +70oC (14oF to 158oF)

Storage Humidity: 20% to 90% relative humidity, non condensing

WARRANTY

All products supplied with a standard 1 year warranty. To activate any applicable extended warranty period, please contact Customer Services:

UK: customerservices@dmicros.com

US: custsupport@dedicatedmicros.com

EU: infobox@dmicros.com

DATA SHEET

Example dewarped image (wall mount)



Example Full Fish Eye (ceiling mount)



Example dewarped image (wall mount)
DM/CV/C3602 or DM/CV/C3602/A



THE SOLUTION

With our expertise in providing the highest quality solutions for security surveillance. Combining our IP Cameras, NVRs and remote viewing solutions with network switches and controllers, we can provide solutions purpose built to meet any specific security requirements.

With its discreet form factor, compared to having multiple cameras covering the same space, the CamVu 360° offers the ideal solution for coverage of large indoor areas. The CamVu 360° offers the perfect accompaniment to our existing range of products, such as our NVR Media Server which is expandable to 32 channels of cost effective HD IP Video.

APPLICATIONS

With the option of robust recessed ceiling mount and vandal resistant surface variants, the CamVu 360° has the flexibility to support a multitude of applications.

Typical applications include office environments, retail outlets, education facilities and transportation (for example buses and train carriages).

| MODEL CODE | DESCRIPTION |
|---------------|--------------------------------------|
| DM/CV/3602 | Surface mounting 2MP POE only |
| DM/CV/V3602 | Vandal housing 2MP POE only. |
| DM/CV/3602/A | Surface mounting 2MP POE only (NTSC) |
| DM/CV/V3602/A | Vandal housing 2MP POE only (NTSC) |

* subject to bandwidth availability and specification of PC equipment utilised

To find your nearest Dedicated Micros office, please visit

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DEDICATED MICROS

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