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The Infiniti integrated PTZ camera comprises camera, IR Illuminator, integral screen wiper/washer control and an integrated pan & tilt mechanism in a single housing. The Infiniti is designed for outdoor installations where optical clarity is paramount and low/zero light operations are required.

INTEGRATED CAMERA & IR ILLUMINATOR

The side by side location of the camera and IR Illuminator, all encased in the same housing, ensures that during low light situations the camera benefits from an illuminated scene irrespective of the direction it is facing.

With up to 36x optical zoom and a camera module that offers 550TVL and 0.01 Lux (Mono) sensitivity the CCTV camera provides excellent field of view for day to day surveillance operations. With privacy masks, presets and patrols also included you are guaranteed all the functionality of a precision dome with the benefit of the Infiniti's additional, integrated features, such as the IR Illuminator.

The IR Illuminator uses a specially designed optically lensed window that provides for a 20 degree beam angle. Designed to provide even illumination when pointed at a target at a range of 60 - 80m the Illuminator has a maximum range of 120m

ANALOGUE & IP

The Infiniti is available in both analogue and IP models, both of which are pre-wired (including the Ethernet connection directly to the camera head) to simplify the installation process.

ENVIRONMENTAL PROTECTION

With an integrated camera shield the Infiniti is protected from sun glare and rain. Housed in an IP66 enclosure, the unit also contains optically flat toughened glass which enables the use of a wash/wipe system to ensure the camera offers the best possible visibility at all times.

SIMULTANEOUS VIDEO STREAMS

The IP model can offer the transmission of multiple, simultaneous video streams in MPEG-4 and JPEG images enabling multiple users to view video streams at the settings they require.

FEATURES

- Compact, Integrated PTZ Camera Unit
- Available in analogue and IP models
- Includes 36x or 18x optical zoom (550TVL) Day/Night CCTV Camera
- Integrated IR Illuminator combines with Day/Night camera to offer clear visibility even in zero lux light settings
- IR Illumination maximum range of 120m, Optimal Range of 60-100m
- Integral wiper and washer control
- Integrated Camera Recording and full enterprise video server within camera
- Direct configuration of the unit via Dedicated Micros latest range of DVRs
- IP version supports simultaneous, multiple MPEG4 and JPEG video streams
- Includes support for Point&Go and Absolute Positioning Features
- Camera shield for rain deflection and reduced sun glare
- Compatible with existing Dedicated Micros camera brackets and accessories
- Pre-wired to reduce installation time
- Through-base connector provides maximum tamper resistance as the connector protected inside the mounting bracket

SPECIFICATION

COMMON FEATURES

CAMERA SENSOR & RESOLUTION

1/4" Sony EX-view CCD
550TVL (PAL/NTSC)
QCIF, CIF, 2CIF, 4CIF

OPTICAL ZOOM / DIGITAL ZOOM

18x, or 36x Optical Zoom options / 12x Digital Zoom as standard

SENSITIVITY

Colour: 0.05 lux, Mono: 0.01 lux in low light / 0 lux when using IR Illuminator.
Wide Dynamic Range: Yes

FOCAL LENGTH

18x: 4.1 to 73.8mm (F1.4 to F3),
36x: 3.4 to 122.4mm (F1.4 to F3)

ANGLE OF VIEW

18x: 2.8° (tele) to 48° (wide),
36x: 1.7° (tele) to 58° (wide)

ANGLE OF TILT

From horizontal: +18° to -99°. Home position is -36°

IR ILLUMINATOR

Illumination Distance: Maximum range of 120m, Optimal range of 60-100m
Illuminator angle 20degrees
IR Wavelength: 850nm
Eco management to reduce power usage and increase LED life, driven by scene activity or telemetry motion

PRIVACY MASKS

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SIGNAL TO NOISE

>50dB

CAMERA MOVEMENT

0.05° to 180°/sec max (both axes), 360° continuous pan rotation. Smooth and fine motion Stepper controlled for accuracy of control and positioning

PRESETS & PATROLS

99 presets, 4 patrols with 32 positions

ALARMS & RELAYS

Alarms: 4, Relays: 1
Alarms & Relays fully integrate with Closed IPTV capability on IP models
Activity /VMD for activation or alarm transmission supported

POWER SUPPLY

Includes mains to 24Vdc weatherproof PSU / termination unit

WEIGHTS & MEASURES

All information here excludes mounting bracket
Dimensions (HxVxD) : 302x284x249mm (11.8"x11.18"x9.8")
Weight: 6.2Kg (13.2 lb)

OPERATING TEMPERATURE

-20 to +40°C, 90% humidity

ENCLOSURE

IP66 Rated. Pressure die-cast aluminium and injection moulded polycarbonate

FINISH

Metal parts polyester powder coat, RAL7001, plastic parts RAL9002

WINDOW

CCTV Camera: Toughened Glass
LED Illuminator: Specially designed optically lensed window

MOUNTING

4 inch (101.7mm) PCD mounting (unit compatible with industry standard pan & tilt brackets). Direct mount to DM/BKT-CM-WALL managed cable bracket..

ANALOGUE MODEL FEATURES

VIDEO OUTPUT

Composite 1V pk-pk into 75 Ohms

VIDEO LAUNCH AMPLIFIER

0-12dB in 100 steps

RS485 CONTROL

DM RS485 protocol 255 addresses, Pelco P & Pelco D
Autosenses DM RS485 on start up

UP THE COAX CONTROL

DM Coax and Pelco Coaxitron protocols, Autosenses DM Coax on startup

CONFIGURATION

Configuration on DM DVR via DVR menus. Configuration on 3rd party matrices and DVR's via menus accessible from any controller using standard commands (presets and PTZ)

SUPPORTED DVRs

SD**, DV-IP Server, DV-IP HD, DV-IP RT, DS2**, EcoSense**, SD Advanced, SD Excel

IP MODEL FEATURES

CLOSED IPTV

The Infiniti will work seamlessly within a Closed IPTV system to provide a safe and secure IP video solution. For more information visit www.closediptv.com

COMPATIBLE DVRs

Any DM DVR that supports IP cameras e.g. DV-IP Server, DV-IP HD, DV-IP RT, SD Advanced, SD Excel, DS2**

WEB PAGE CONFIGURATION

Simple webpage configuration will allow the following functions to be configured

- Manual update of viewing profiles
- Network, and Alarm Settings
- Camera setup

COMPRESSION

JPEG & MPEG-4 compression, multiple simultaneous streams

DATA CONNECTIVITY

RJ45 Connector for Ethernet 10/100 BaseT

NETWORK SUPPORT

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

SUPPORT APPLICATIONS

NetVu ObserVer

BROWSER SUPPORT

IE 5.5 and above, Firefox 2.0 and above

DEVELOPER SUPPORT

Java via DM SDK, MS Windows DLL SDK

Model Code	Description
DM/8000-18D	18x D/N PTZ, IR LED, Mains
DM/8000-36D	36x D/N PTZ, IR LED, Mains
DM/8080-18D	18x D/N IP - PTZ, IR LED, Mains
DM/8080-36D	36x D/N IP - PTZ, IR LED, Mains
DM/8000/PSU	Mains power connector
DM/BKT-CM-WALL	Cable managed wall bracket

For side mount connector model please change last digit to 1 ie: DM/8001-18D
For NTSC models add /N at the end of the part code i.e. DM/8000-18D/N