

Infiniti



The latest addition to Dedicated Micros Camera & Dome range is the Infiniti integrated PTZ camera unit. Comprising camera, IR Illuminator, integral screen wiper/washer control and an integrated pan & tilt mechanism 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.

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.

POINT&GO AND ABSOLUTE POSITIONING*

Full integration with the latest generation of Dedicated Micros DVRs and Video Servers allows the Infiniti to deploy the very latest camera features including Point&Go and Absolute Positioning. Point&Go provides the operator with easy to use, on-screen telemetry control, whilst Absolute Positioning uses the on-screen Camera Selection Maps of the DVR or Video Server to select and move cameras to any area of the site in one mouse click.

* When connected to a DM next generation DVR or Video Server via RS485.

FEATURES

- Compact, Integrated PTZ Camera Unit
- Available in analogue and IP models
- Up to 36x optical zoom (530TVL) with optically flat toughened glass window
- Integral wiper and washer control
- Integrated IR Illuminator combines with Day/Night camera to offer clear visibility even in zero lux light settings
- Camera shield for rain deflection and reduced sun glare
- Pre-wired to reduce installation time
- IP version supports simultaneous, multiple MPEG4 and JPEG video streams
- Configure the unit via configuration pages in Dedicated Micros latest range of DVRs
- Includes support for Point&Go and Absolute Positioning Features*
- Compatible with a range of existing Dedicated Micros camera brackets and accessories
- Inverted operation for ceiling / canopy mounting
- Through-base connector entry provides maximum tamper resistance as the connector protected inside the mounting bracket
- Suitable for deployment on surveillance vehicles
- Option to replace IR Illuminator with White Light Illuminator, Thermal Imaging Camera or a Second Video Camera

SPECIFICATION

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

Up the Coax Control

DM UTC protocol

CONFIGURATION

Achieved via DVR web pages

SUPPORTED DVRs

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

NETVU CONNECTED MODEL FEATURES

RESOLUTION

QCIF, CIF, 2CIF, 4CIF

SUPPORTED DVRs

Any DM DVR that supports IP cameras e.g. DV-IP Server, DV-IP HD, DV-IP RT, HighVu Excel, SD Advanced**, 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, ICMP, TCP, UDP, IP, ARP, RTP, Telnet and FTP

SUPPORT APPLICATIONS

NetVu ObserVer

BROWSER SUPPORT

IE 5.5 and above

Firefox 2.0 and above

DEVELOPER SUPPORT

Java via DM SDK

COMMON FEATURES

SENSOR

1/4" Sony EX-view CCD

CAMERA RESOLUTION

530TVL (PAL)

530TVL (NTSC)

PRIVACY MASKS

Up to 24

COLOUR SENSITIVITY

0.05lux

MONO SENSITIVITY

0.01lux low light / 0 lux when using the IR illuminator

WIDE DYNAMIC RANGE

Yes

CAMERA MOVEMENT

0.05° to 180°/sec max (both axes), 360° continuous pan rotation

PRESETS

99

PATROLS

4 patrols with 32 positions

ALARMS

4

RELAYS

1

OPTICAL ZOOM

18x Day/Night: 18x

36x Day/Night: 36x

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)

DIGITAL ZOOM

12x

SIGNAL TO NOISE

>50dB

POWER SUPPLY

Includes mains to 24Vdc weatherproof PSU / termination unit

OPERATING TEMPERATURE

-40 to +50°C, 90% humidity

IP RATING

IP66

ENCLOSURE

Pressure die-cast aluminium and injection moulded polycarbonate

FINISH

Metal parts polyester powder coat, BS4800 00-A-01, plastic parts RAL9002

WINDOW

Toughened Glass

MOUNTING

4 inch (101.7mm) PCD mounting (unit compatible with industry-standard pan & tilt brackets)

** (Not all features supported)

To find your nearest Dedicated Micros office, please visit

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