IP Cameras

- **Direct connection network camera plus additional IP Server**

- **View and control the Picture on a PC or CCTV Monitor/keyboard**

- **Supports multiple data protocols for control across the network of PTZ functions**

- **Multicast video and audio for distributed viewing and control; supports IGMP for video transmission**

- **Autonomous System does not Require a PC to Transmit**

- **High Resolution 1/3 and ½ inch colour and monochrome camera**

- **Alarm inputs for complete system integration**

The Destiny IP camera range consists of 1/2 and 1/3 inch colour and monochrome cameras giving a single digitized video stream. With its built in IP Server, the camera can support additional analogue video sources. Video is compressed into a digital stream for transmission over the Ethernet network yielding significantly reduced costs and simpler installation and management.

With all the functionality offered by the IP server, the camera supports bi-directional multicast audio that can be used within a PA system for distributed audio, or as a point-to-point device for two-way communication. A configurable serial port in RS232, 422 and 485 data formats is provided for the control of PTZ units. IP addressable, the camera's network (IP address) can be pre-configured in house. DSP functions can also be pre-configured allowing the system to be 'plug and play'. Cameras are identified on the network via their IP address in the same way as computers and printers, allowing IT Managers to fully support the system.

Based on Baxall's high end colour and monochrome DSP cameras, Destiny IP cameras can be configured for PAL or NTSC. The video can be displayed in two ways; in the traditional CCTV environment (i.e. on a monitor), or as part of the computer system by running viewing software on an PC.

In summary, the Destiny IP Camera system lets you use any suitable Ethernet data network to transmit live, quality video and audio. Cameras can be viewed and controlled from any location on the network. The Destiny IP Camera and Transmission System saves installation costs (no separate cabling required), allows zero-cost operation (via intranets), and saves management costs by virtue of a single uniform network.

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IP Cameras

Destiny IP

Model variations

Product code	IPC9313	IPC9714	IPC9742	IPC9252
Type	Colour	Colour	Mono	Mono
Resolution	480 TVL	480 TVL	570 TVL	570 TVL
CCD size	1/3"	1/2"	1/2"	1/3"
CCD type	Hyper HAD™	EXview™ HAD	EXview™ HAD	Hyper HAD™
Sensitivity (@ F1.2)	1.0 lux	0.4 lux	0.04 lux extended IR	0.1 lux

Note: PAL models are shown - NTSC models are available

General specifications

Video Format	User programmable H.261; MJPEG on software decoder
Video Resolutions	Interchangeable choice of resolutions from 704 x 576 pixels to 176 x 144 pixels: 4CIF: 704 x 576 pixels ⎱ supports MJPEG VGA: 640 x 480 pixels ⎰ CIF: 352 x 288 pixels ⎱ SIF: 352 x 240 pixels ⎱ supports H.261 and MJPEG QCIF: 176 x 144 pixels ⎰
Video Performance	Up to 25/30fps at CIF resolution with H.261, up to 15fps at CIF resolution with MJPEG
Audio	Bi-directional, G711 or G728 compression
Network Protocols	Internet IP, TCP, UDP, ICMP, ARP and IGMP with configuration via administration tools
Interfaces	LAN Data Rate: 8 Kbps up to 1.5 Mbps Data Interface: RS-232,/422/485 @ 1200bps - 115.2Kbps Serial Interface: 2inputs/1output. Signal levels: inputs opto-isolated TTL level; outputs open collector Audio Interface: Line in/ Line out 1v p-p
Gamma Correction	DIP switch selectable: linear (1.0) or norm (0.45)
Lens Mount	C/CS mount with back focus adjustment. 1/3", 1/2", 2/3" or 1" lens . NB lens is not included
Camera Mounting	1/4-20 UNC or 1/4" BSW (top and bottom)
Power Supply	12V DC, Consumption: 12 Watts (nominal)
Image Control	Electronic Iris (EI) - 1/50 to 1/105s -selectable On/Off Backlight Compensation (BLC) - selectable On/Off Automatic Gain Control (AGC) - built in 28dB, selectable On/Off
Lens Control	Auto-Iris Lens Drive (AI) and Direct Drive (DD)
Manual Shutters	8 discrete manually selectable shutter speeds allow clear images of moving objects to be captured. A flickerless mode is also provided to minimise beating with fluorescent lights.
Colour Balance Modes	Auto tracing (ATW), indoor (colour models only), outdoor and fluorescent
Temperature	Operating: -10°~ +50°C (14°~122°F) Storage: -10°~ +70°C (14°~158°F)
Relative Humidity	Operating: 20%~80% non condensing Storage: 20%~90% non condensing
Dimensions (LxWxH)	200 x 82 x 65mm
Weight	0.6kg
Construction	Aluminium extruded body with die-cast lens mount and ABS plastic front trim and rear bezel.
Colour	Oyster White
Related Products	PC viewing software for camera selection, monitoring and control

*Hyper HAD™ and EXview™ are trademarks of the Sony Corporation

BSIA
British Security Industry Association

ASA
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