

- Send and receive live multicast video, multicast audio, and data over ethernet networks
- View the picture on a PC or CCTV monitor
- Control a PTZ within a building or across the country
- Default UDP protocol and optional TCP/IP
- Autonomous System does not Require a PC to Transmit
- High quality images; up to 25/30 images per second with H261 compression
- Outputs for external switching, eg door entry
- Inputs for alarms



Sending video and audio over computer networks yields significant savings in reduced costs and simpler installation and management. The Destiny IP™ Transmission System provides cost-effective transmission of live video, data and audio across existing Ethernet networks. With minimal setup, the system can be installed and used in minutes in various applications. The units can also be pre-configured in house so they are literally 'plug and play'. The only installation required is to select an IP address.

The Destiny IP video transmission System consists of a single unit that can be configured as a transmitter or a receiver - however, only the transmitter is required to use the system. The transmitter can connect any NTSC or PAL video source to the computer network. The receiver displays the video on a standard NTSC or PAL monitor. Alternatively, a browser application can be used to display the video on a PC.

A bi-directional data interface allows for remote control of peripheral components (such as pan/tilt/zoom cameras and domes). Video sources are identified by an IP address in the same way as any other equipment connected to a computer network.

In summary, the Destiny IP Transmission System lets you use any suitable Ethernet data network to transmit live video and audio.

Specification

Part Number	IP Encoder: IP-ENC1-R, IP-ENC2-R, IP-ENC4-R IP Decoder: IP-DEC1-R, IP-DEC2-R, IP-DEC4-R
Description	Four-channel video transmitter, with duplex audio, full duplex data communications and integrated Ethernet connection.
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 } supports H.261 and MJPEG SIF: 352 x 240 pixels } 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: 6 inputs/outputs. Signal levels: inputs opto-isolated TTL level; outputs open collector Audio Interface: Line in/ Line out, 1v p-p
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	1U 19" metal unit that houses four video encoders/decoders 482.6 (L) x 44 (H) x 138 (W)
Weight	Single: 2.2kg Dual: 2.4kg Quad: 2.8kg
Colour	Graphite grey
Power Consumption	100W
Power Supply	120 ~ 240V AC (auto ranging: 88 ~ 132V / 176 ~ 264V)
Mains Frequency	50/60Hz (auto ranging: 47 ~ 63Hz)
Related Products	PC viewing software for camera selection, monitoring and control

Ref: 07/01



The manufacturer reserves the right to alter price or specification without prior notice

UK Head Office:
Unit 1 Castle Hill, Horsfield Way,
Bredbury Park Industrial Estate,
Stockport, Cheshire SK6 2SU, UK
Tel: +44 (0)161 406 6611
Fax: +44 (0)161 406 8988
sales@baxall.com
support@baxall.com
www.baxall.com
www.baxallnetworks.com

North America:
Baxall USA Inc., Colorado
Sales:
Toll free tel: (877) 4-BAXALL (422-9255)
Tel: (719) 282-6780, Fax: (719) 282-6781
ussales@baxall.com
Technical support:
Toll free tel: (866) 5-BAXALL (522-9255)
Fax: (720) 870-2212
ussupport@baxall.com

