



ASI to IP Transport Stream Converter/Encapsulator

DESCRIPTION

The CONDOR system may include a high-density transport stream ASI to IP converter. It includes 8 ASI input ports and 2 Gigabit Ethernet ports. The purpose of this unit is to reliably connect ASI output devices (such as the SDQ6 encoder) to the IPQC (IP input only). The key features and specifications of this unit are given below.

FEATURES

- Two Gigabit Ethernet ports for MPEG TS I/O
- 8 ASI input ports
- Hot-swappable, redundant, load-sharing power supplies
- Easy-to-use web interface
- Full control, status, and alarm monitoring via SNMP

SPECIFICATIONS

ASI INPUTS AND OUTPUTS

Connector	Up to 8x BNCs
Impedance	75Ω
Packet Format	188 bytes per packet
TS Bitrate	500 Kbps to 213 Mbps
Output TS Type	SPTS or MPTS (follows input)

IP INPUTS AND OUTPUTS

Connector Type	2x RJ45 10/100/1000
Input Formats	UDP or RTP
Output Format	UDP
IP Encapsulation	1 to 7 TS packets per IP packet
Addressing	Unicast and Multicast
IGMP compatibility	Version 1, 2 & 3
Per TS Bitrate	500 Kbps to 213 Mbps
Output TS Type	SPTS or MPTS (follows input)

MANAGEMENT

Connector	RJ-45 10/100 - Auto Negotiating
Protocols	HTTP and SNMP
User Interfaces	Full control via web GUI Basic setup/status via front panel
Automation Interfaces	Full status and control via SNMP SNMP traps on alarms Web services access to main GUI

DIMENSIONS/POWER

Height	1 RU, 1.75" (5cm)
Width	17.4" (44.2 cm)
Depth	23" (58 cm)
Power	100-240 VAC 50/60 Hz
Supply Type	Dual, hot-swappable, redundant load sharing power supplies

ORDERING INFORMATION

DMG-ASI/IP8 Transport Stream Converter/Encapsulator