



1000i

Broadcast Over IP Transmission System

SDI over



**“SDI over IP Network
Transmission Systems”**



**“Transmit SDI video anywhere within your
IP/Ethernet network.”**

Applications

Remote Real-Time SDI Video Transport

Remote Broadcast Studio Connectivity

Broadcast Video Retrieval
and Distribution

Features

Compliance to SMPTE-259M/305M

Accommodate SDI Embedded Audio

Handling SD-SDI and DVB-ASI
Data Rates

Multicast to Multiple Locations

The 1000i system provides real time transmission of SMPTE-259M or SMPTE-305M SDI video over IP/Ethernet network. The 1000i system transmits one (1) SDI video channel in one direction through one Gigabit Ethernet port. The 1000i system is perfect to transmit SDI video anywhere within your IP/Ethernet network for real time broadcast video distribution applications.

The 1000i features a full SD-SDI data integrity, transmitting SDI embedded audio and ancillary data. It handles a wide range of data rate, thus accommodating SD-SDI, SD-SDTI, and DVB-ASI formats. In addition, one can multicast SDI to multiple locations. No sophisticated user adjustment is required in the 1000i system, enabling quick setup and trouble-free operation. The video quality in the 1000i systems meets professional multimedia or broadcast standards.

The 1000i comes with two packaging options: a standalone, compact, ruggedized packaging and a plug-in card packaging for a card cage system. Panel connectors are provided for SDI video (BNC) and 10/100/1000 Ethernet connection (RJ-45 twisted pair, or SC multimode/singlemode fiber port).

Due to its versatile IP/Ethernet network transmission design, the 1000i is capable of addressing a variety of non-standard designs. Contact us to discuss your custom, OEM/private brand and high volume requirements.



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Broadcast Transmission System



Video

Signal Format	SMPTE-259-M or SMPTE-305M SDI Video
Data Rate	Up to 270 Mb/s
Signal Level	800m Vpp
Connector	BNC, 75 Ohms

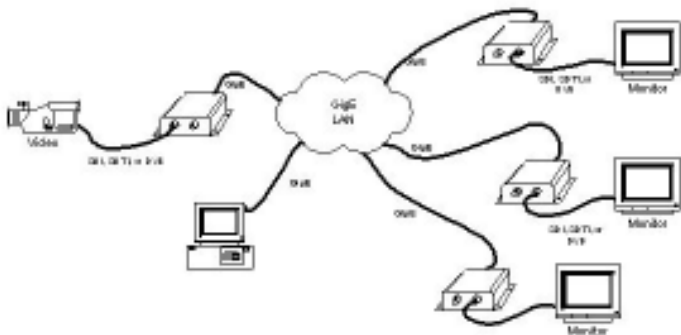
Physical

Dimension: (H x W x D)	
Standalone	1.72" x 4.36" x 6.9"
Card-cage Plug-in Card	5.24" x 0.94" x 11.6"
Power	12VDC @ 0.5A max.
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, non-condensing

Ethernet/IP

Connector Type	RJ-45 (option to SC Multimode/ Singlemode Fiber)
Format	10/100/1000 Base-T auto-sensing
Protocol	UDP

Application



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Subject to continued product enhancement, we reserve the right to change the above specifications and description without notice.

