



# 310i/320i

**Multi-Channel Audio/  
Video/Data Over IP  
Network Transmission  
System**



***“Transmit Multi-Channel  
Video/Audio/Data anywhere  
within your IP/Ethernet  
network.”***



***“Audio/video transport anywhere within your  
IP/Ethernet network.”***

### **Applications**

Remote Multimedia Studio

Distance Learning

Audio/Video/Data Conferencing

Media Retrieval and Distribution

### **Features**

Digitally compressed MPEG-2  
Transport System

Accommodates up to 4 Video,  
8 Audio, 3 Local 10/100 Ethernet

Real-Time High Quality Video  
Specifications

The 310i/320i system provides simultaneous transmission of digitally compressed stereo audio and video over IP/Ethernet network. The standard 310i system transmits these video/audio channels in one direction, along with 10/100 Ethernet. The 320i system transmits and receives these video/audio channels in both directions, along with 10/100 Ethernet. The standard 310i/320i system comes with 2- and 4-channel versions with each channel containing one (1) NTSC/PAL video and two (2) audios. The 310i/320i system is perfect to transmit audio/video anywhere within your IP/Ethernet network for high-quality real-time multimedia distribution applications.

The 310i/320i features a digitally compressed MPEG-2 transmission technology, capable of providing sharper video and crisp audio with little or no maintenance, high function reliability, and low operating cost. No sophisticated user adjustment is required in the 310i/320i system, enabling quick setup and trouble-free operation. The audio/video quality in the 310i/320i systems meets professional multimedia or presentation standards.

The 310i/320i comes with a standalone, compact, ruggedized packaging. Panel connectors are provided for video (BNC for composite, and DIN for S-Video), audio (terminal block), 10/100 Ethernet (1000Base TX) connection (RJ-45).

Due to its versatile IP/Ethernet network transmission design, the 310i/320i is capable of addressing a variety of non-standard designs. Contact us to discuss your custom, OEM/private brand and high volume requirements.



# 310i/320i

## Multimedia Transmission System



### Audio/Video Over IP Network Transmission Systems

#### Video

Channel Capacity	1
Formats	NTSC, PAL or S-Video (Input) NTSC, PAL, or S-Video (Output)
Compression	MPEG-2 MP@ML
Data Rate	2 Mbps to 8 Mbps
Video Level	1.0Vp-p @ 75 Ohms
Connector	BNC (Composite) DIN (S-Video)

#### Audio

Channel Capacity	2
Operating Mode	Unbalanced
Input/Output Impedance	HiZ/LowZ (unbalanced)
Max Input/Output Level	3.4Vpp/3.0Vpp
Magnitude Freq. Response	20Hz to 20kHz @ +/-3dB
SNR (weighted)	> 60dB @ 1kHz, 3.4Vpp
Connector	Terminal Block

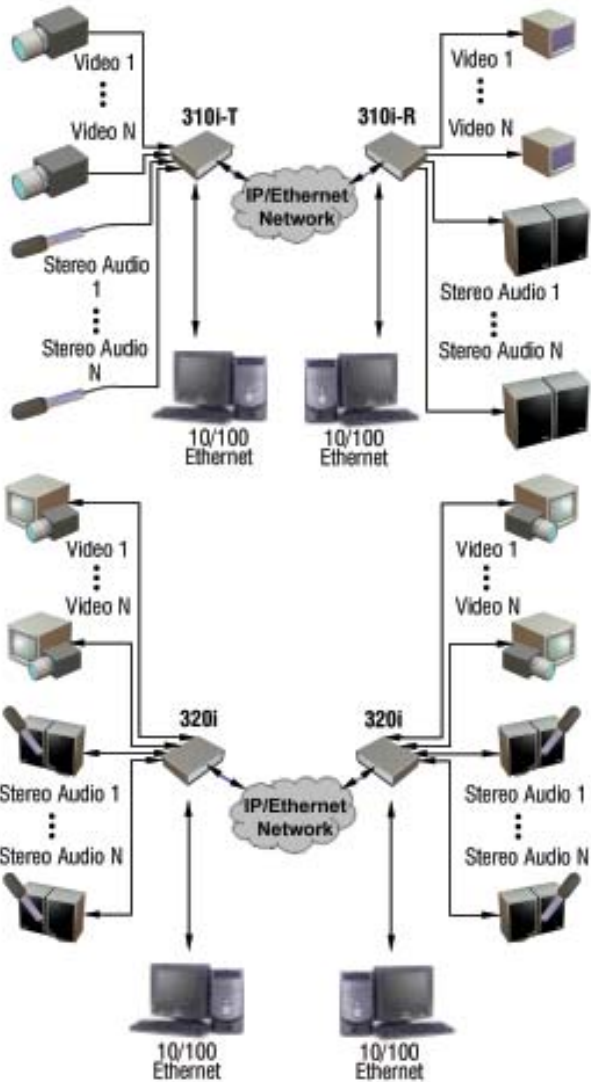
#### Ethernet

Connector Type	RJ-45
Format	10/100Base-T (Local Ethernet Ports) 10/100/1000Base-T (Remote Ethernet Ports)
Protocol	RTSP

#### Physical

Dimension: (H x W x D)	
312i/314i/322i	1.72" x 17.03" x 12.0"
324i	3.46" x 17.03" x 12.0"
Power	12 V @ 1.2A (312i) 12 V @ 2.5A (314i or 322i) 110-240 VAC @ 60W (324i)
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, non-condensing
Status Indicators	Power, Network Link/Activity, Video/Audio Activity

#### Application



DOING MORE WITH ONE FIBER *plus* IP...

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

