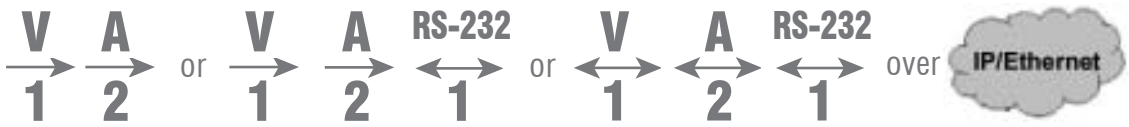
Preliminary

230Hi/240Hi

High-Definition Audio/Video/Data over IP Network Transmission System



"Transmit High-Definition Video/Audio anywhere within your IP/Ethernet network."

"Video interface choices: Component, DVI or HD/SDI"

"Audio/video transport anywhere within your IP/Ethernet network."

Applications

- Remote Multimedia Studio
- Distance Learning
- Audio/Video/Data Conferencing
- Media Retrieval and Distribution
- Broadcast Video Monitoring

The 230Hi/240Hi system provides simultaneous transmission of digitally compressed stereo audio and video over IP/Ethernet network. The 230Hi system transmits two (2) audios (or one (1) stereo audio pair) and one (1) high-definition video channel in one direction, with option for one (1) serial data through one 10/100/1000 Ethernet port. The 240Hi transmits and receives two (2) audios (or one(1) stereo audio pair), and one (1) baseband high-definition video, in both directions, with option for one (1) serial data. The 230Hi/240Hi system is perfect to transmit audio/video anywhere within your IP/Ethernet network for high-quality real-time multimedia distribution applications.

Features

- Digitally compressed H.264 Transport System
- Accommodates up to 1 Video, 2 Audio, and 1 Serial Data
- Real-Time High Quality Video Specifications
- Option with Component YPbPr, DVI, or HD/SDI Video Interface

The 230Hi/240Hi features a digitally compressed H.264 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 230Hi/240Hi system, enabling quick setup and trouble-free operation. The audio/video quality in the 230Hi/240Hi systems meets professional multimedia or presentation standards. In addition, due to its adjustable data rate, the 230Hi/240Hi is perfect for remote video monitoring for broadcast video.

BROADATA COMMUNICATIONS, INC. DOING MORE WITH ONE FIBER plus IP

2545 W. 237th St., Torrance, CA 90505 • Phone:(800) 214-0222 • Fax: (310) 530-5958 • Email:broadata@broadatacom.com • http://www.broadatacom.com

230Hi/240Hi

Multimedia Transmission System

High-Definition Audio/Video/Data over IP Network Transmission Systems

Composite Video

Channel Capacity	1
Formats	DVI, YPbPr or HD/SDI
Encoding	H.264

Audio

Channel Capacity	2
Operating Mode	Unbalanced/Balanced
Magnitude Freq. Response	20Hz to 20kHz @ +/-3dB
Connector	Terminal Block

Serial Data

Channel Capacity	1
Signal Format	RS-232 Full Duplex
Data Rate	57.6 Kbps
Connector	Terminal Block

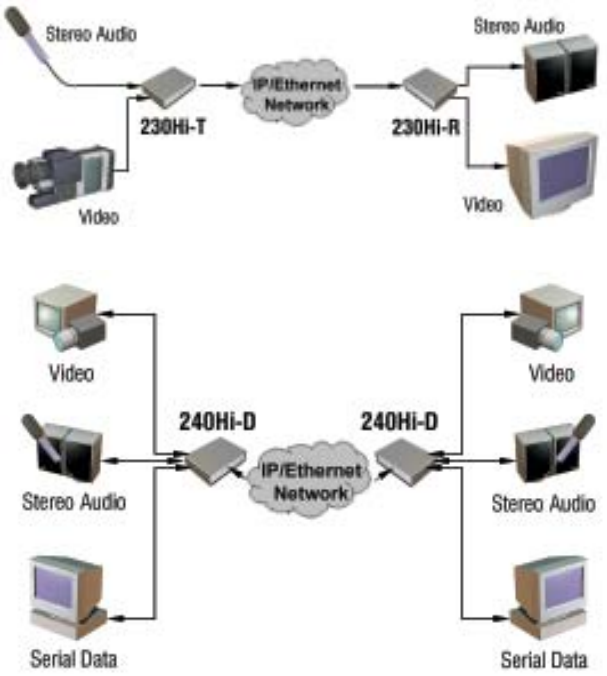
Ethernet

Connector Type	RJ-45
Format	10/100/1000Base-T auto-sensing
Protocol	RTSP

Physical

Dimension: (H x W x D) 230Hi 240Hi (HD/SDI) and 240Hi	 1.72" x 4.36" x 8.75" 1.72" x 8.60" x 8.75"
Power	5VDC @ 4A max.
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, non-condensing
Status Indicators	Power, Network Link/Activity, Video/Audio Activity

Application



Ordering Information

230Hi-T	Transmitter, Video/Audio	V 2A
230Hi-R	Receiver, Video/Audio	
240Hi	Transceiver, Video/Audio	V 2A
240Hi-D	Transceiver, Video/Audio/Data	V 2A RS-232

*Add -DVI, -YPbPr or -HDI for DVI, YPbPr or HD/SDI interface, respectively

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

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