

### FEATURES

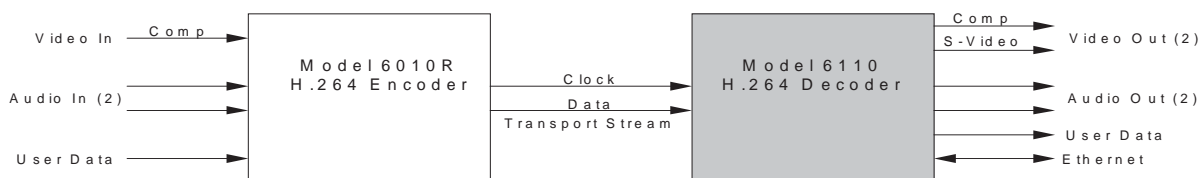
- Real-time digital transmission of broadcast quality video
- H.264 Baseline/Main Profile (ISO/IEC 14496-10)
- Video, audio, and data demultiplexing
- NTSC/PAL
- Data rates from 64k to 6Mbps
- Low latency modes
- Multiple resolution modes
- Stereo audio
- User data
- FEC
- Standard Rack-mount Chassis



### MODEL 6110 DECODER

Delta's Model 6110 is the decoder companion to Delta's 6000 Series Encoders. The 6110 demultiplexes and decompresses video, audio, and data for real-time display and archiving. The 6110 uses the H.264 (MPEG-4 Part 10) video compression algorithm to provide high-quality video even with large compression ratios. The H.264 standard is the latest compression algorithm and is designed to facilitate the transmission of full resolution, full frame rate, motion imagery in less bandwidth than its predecessors (Wavelet/MJPEG/MPEG-2).

The 6110 is easily integrated into most video transmission systems. A choice of a synchronous serial interface (RS-422 Clock/Data) or Ethernet port are available for interface to a data link or local area network. The 6110H has the unique capability of converting the serial port transport stream to a UDP/IP format for LAN transmission, while simultaneously decompressing the stream and outputting composite video. This permits both local and remote monitoring. The UDP/IP transport stream can be applied to a compatible H.264 software player for display on a PC or workstation.



**VIDEO OUTPUT**

<b>Ports</b>	Two
<b>Format</b>	Composite/S-Video
<b>Levels</b>	1.0Vp-p/Y=1.0V; C=.3V
<b>Impedance</b>	75 ohms/Hi-Z (Selectable)
<b>Connector</b>	BNC/Mini-DIN

**VIDEO COMPRESSION**

<b>Algorithm</b>	ISO/IEC 14496-10 H.264 Baseline/Main Profile
<b>Modes</b>	I-only/IP
<b>Resolution</b>	D1/2CIF/CIF
<b>Frame Rate</b>	1-30 (25 for PAL)

**DE-MULTIPLEX**

<b>Protocol</b>	ISO/IEC 13818-1 MPEG-2 Transport Stream Video/Audio/Data
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**TRANSPORT STREAM**

<b>Ports</b>	Two
<b>Interface 1</b>	RS-530
<b>Levels</b>	RS-422
<b>Data Rate</b>	64Kb to 6Mbps
<b>Signals</b>	SD, RD, RT
<b>Connectors</b>	DB-25
<b>Interface 2</b>	10/100 Ethernet IP
<b>Data Rate</b>	64Kb to 6Mbps
<b>Configuration</b>	DHCP or Static Address Selectable Ports Auto Sense Full/Half-Duplex Unicast/Multicast
<b>Connectors</b>	RJ-45

**AUDIO OUTPUT**

<b>Ports</b>	Two
<b>Channels</b>	None, Left, Left and Right*
<b>Format</b>	Balanced (Line Level)
<b>Levels</b>	2.8V p-p (1 Vrms)
<b>Impedance</b>	10K ohms
<b>Gain</b>	0 to 64 db*
<b>Connector</b>	LEMO (6-pin)

**AUDIO DECOMPRESSION**

<b>Algorithm</b>	ADPCM MPEG-2 Audio, Level 1 and 2
<b>Sample Rates</b>	8K/16Ksps
<b>Synchronization</b>	Lip synchronized with video

**FORWARD ERROR CORRECTION**

<b>Protocol</b>	Reed-solomon
<b>Format</b>	16 parity symbols per 204 Byte TS packet

**CONTROL**

<b>Front Panel Display</b>	2 Line x 20 Characters 4 Button Keypad
<b>Web Browser</b>	TCP/IP

**POWER**

<b>Voltage</b>	90-264VAC
<b>Frequency</b>	47 to 63Hz
<b>Connector</b>	Standard IEC-320

**SIZE**

1.75"H x 19"W x 12"D  
Weighs less than 6 lbs.



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