

# QIP-DVX IPTV Decoder/Controller

## DATASHEET



Contemporary Research's latest IPTV decoder with incorporated display control, the QIP-DVX IPTV Decoder/Controller offers display control functionality through RS-232 or IR. The unit is part of a family of products from Contemporary Research that can be used to form an end-to-end IPTV distribution system with control.

The decoder is compatible with unicast or multicast UDP and RTP MPEG-TS IPTV streams and will accept MPEG-2 or H.264 single program or multiple program transport streams. A channel list of programs is uploaded from a PC running CR Toolbox software. Channel selection, volume, and power may be controlled from the front panel buttons, handheld IR remote, on-board web page, or external control system.

The QIP-DVX IPTV Decoder/Controller can receive commands from an IP-DXL or ICE-HE-DXL Display Control Center, or Display Express software for channel selection, volume control, power, and display source selection. Power and source selection commands will be translated to the protocol required for the connected display and transmitted out the RS-232 or IR port.

- HDMI selectable video output resolutions: 480i, 480p, 720p, 1080i, 1080p, and 4K
- 1080p and 2160p fixed at 60Hz frame rate, 1080i and 720p selectable at 60 or 59.94Hz
- Dolby Audio, PCM, or Variable PCM audio formats for S/PDIF digital audio port and HDMI
- Simultaneous HDMI, S/PDIF, and Analog Stereo Audio output
- Receives commands over Ethernet for channel selection, volume, and display control from Display Express software, IP-DXL display controller, or ICE-HE-DXL display controller
- Full two-way control via RS-232 or Telnet
- Control via front panel, optional IR remote, and web pages
- Channel list loaded or updatable from CR Toolbox software or RS-232 serial command
- Channel selection by direct channel entry or channel up/down
- RS-232, IR, or HDMI CEC for display control
- Supports PoE or optional 12 VDC 1A power supply
- Setup via On-screen menus, web pages, or serial commands
- Firmware updateable over Ethernet from CR Toolbox
- TAA Compliant



# Specifications

<b>Physical</b>	7.25" [184 mm] wide (7.85" [200 mm] including wings) x 1.150" [29 mm] height x 3.6" [91 mm] deep 13 oz [369 g] Aluminum enclosure with black powder coat paint Mountable by screw or hook-and-loop fasteners
<b>Decoding</b>	UDP MPEG-2 Transport Stream, supports SPTS or MPTS Video – MPEG-2, H.264 – 480i, 480p, 720p, 1080i, 1080p Audio – MP1-2, AAC, AC-3
<b>Video Out</b>	HDMI receptacle, Type A, Version 1.3 (2160p/1080p/1080i/720p/480p/480i)
<b>Audio Out</b>	HDMI – Digital Audio Passthrough/PCM/PCM Variable S/PDIF Optical Output – Digital Audio Passthrough/PCM/PCM Variable 3.5 mm TRS Analog Stereo variable level
<b>Control</b>	RJ-45 – 10/100 Ethernet for Telnet, UDP, iCC-Net, Web page Access RS-232 serial port 3.5 mm TRS jack 1200 to 230K baud IR Input 3.5mm TRS jack for optional IR-RXD IR receiver I/O 3.5mm TRS jack for display power sense S/PDIF Optical Input for display power sense
<b>Captions</b>	Decodes EIA-608 and EIA-708 closed captions
<b>Front Panel</b>	IR Sensor Red/Green Status LED Power, Menu, Down, Up, Select buttons
<b>Power</b>	PoE or 2.1mm coaxial power jack (inside center conductor positive), 0.5 A maximum, 11 to 14 VDC, 12 VDC typical

## Options:

CC-IRE IR Emitter with 3.5mm plug (5033-001)  
HD3-RC IR Remote, 2 AAA batteries (5024-005)  
PS12-1.0 Power Supply (5401-001)  
CC-COM 3.5 Serial Cable (5061-001)  
IR-RXD External IR Receiver (5034-001)  
CC-USB Power Sense Cable (5061-013)