



ECHO-RX2

HDBaseT™ Receiver with Dual HDMI Output



FEATURES

- HDBaseT receiver w/dual HDMI outputs
- Extend UHD 4K@60Hz 4:4:4 up to 70m & 1080p up to 100m
- HDCP 2.2, HDR10, 3D support
- Bi-directional RS-232 and IR control
- Audio extraction
- EDID management
- Locking power supply connector

DESCRIPTION

The ECHO-RX2 Receiver has a built-in HDMI splitter for connection to a secondary display, RS-232 and bi-directional IR for control, and de-embedded analog audio output. When used with an ECHO-1S, power can be supplied at either sender or receiver – whichever is more convenient.



Video Standards:	HDMI 2.0 video specifications including HDR10, 3D video HDCP 2.2, 1.4 DVI (single link)
Video Connectors:	(2) HDMI Outputs
Resolutions:	HDTV signal - 480p through 4K@60 4:4:4 DVI signal VGA (640x480) thru WUXGA (1920x1200)
Audio:	Formats - LPCM 2CH Audio (32-192kHz sample rate) DTS-HD, DOLBY-HD
Other Signals:	RS-232 (1) RX, TX and GND on Terminal Strip RS-232 pass-through
IR:	Wide-band IR pass-through: 38 – 56 kHz supported (1) 3.5mm IR Input (1) 3.5mm IR Output
USB:	USB USB 2.0 Micro type B (for firmware update only)
General:	Power Supply 100 VAC to 240 VAC, 47-63 Hz, External; 24 VDC 24 VDC 1A
Temp/Humidity:	Storage: -40 to +158°F (-40 to +70°C) / 5% to 90%, non-condensing Operating: +14 to +131°F (-10 to +55°C) / 5% to 90%, non-condensing
Typical Power Consumption:	12W total
Cooling:	Convection
Enclosure Type:	Metal (steel)
Dimensions:	0.82" H x 6.06" W x 3.09" D (22.8mm H x 153.9mm W x 78.5mm D) (All dimensions include mounting flange width)
Safety:	CE
EMI/EMC:	CE, FCC Class A
MTBF:	90,000 hours (estimate)
Warranty:	3 years parts and labor
	Model ECHO-RX2 - 0.75 lbs Shipping ECHO-RX2 - 2.0 lbs