

WYRESTORM HDBASET EXTENDER SET WITH 2-WAY IR, RS232 AND POH (70M/230FT)

EX-1UTP-IR-70



KEY FEATURES

- Extenders capable of 1080p HD @60Hz and HD multichannel audio transmissions up to 70m (230ft) under perfect conditions*
- Transmits discrete wide-band two-way IR control signal together within the HDMI signal over a single Cat5e/6/7 cable.
- Centralized RS232 for firmware updates or third party control with open source integration protocols available for market leading control systems
- Automatically adjusts feedback, equalization and amplification of signal for easy installation.
- Fully cascable to further lengthen transmission and increase your distribution capabilities.

The Wyrestorm EX-1UTP-IR-70 uses HDBaseT Class B classification technology to sit comfortably between our PRO range and flagship HDBaseT products to enable the transmission of full, uncompressed HD 1080p video @60Hz, HD multichannel audio with centralized RS232 and discrete two-way IR control of source and display from either location over distances of up to 70m (230ft) using a single shielded or unshielded Cat5e/6/7 cable.

ADDITIONAL FEATURES & BENEFITS

- Fully supports 3D applications (frame sequential – Blu ray and Interlaced Stereoscopic – Satellite/cable broadcasts)
- Supports 36bit Deep Colour HDMI V1.4 Cable termination follows IEEE-568B standards HDCP compliant
- LED indications for visual power and video signal status
- Baluns powered by 5v mains adapter or with the 5v USB power cable (both included) to solve space or power availability problems as well as being more energy efficient as the extenders are only powered when connected devices are turned on.

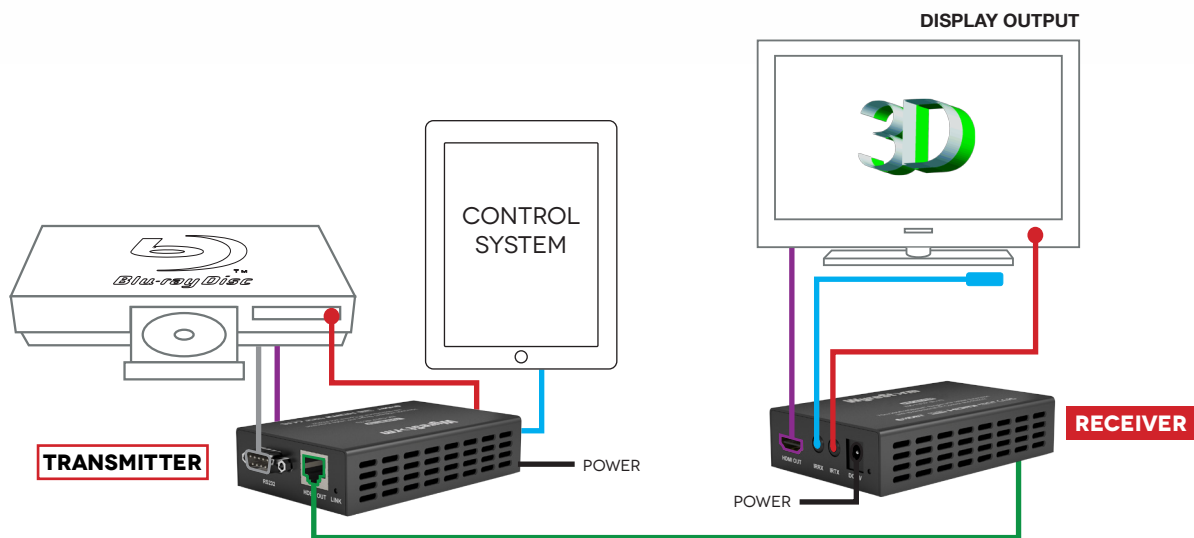
IN THE BOX

1 x Wyrestorm EX-1UTP-IR-70 TRANSMITTER balun
1 x Wyrestorm EX-1UTP-IR-70 RECEIVER balun
1 x Printed quickstart installation guide (also downloadable from website)
2 x pairs of balun mounting brackets

2 x 5VDC power supply P/N: VDC0501
2 x USB to 5V power adapters P/N: CAB-USB-5V70
1 x IR TX Emitter (small/round) for attachment to Input device
1 x IR RX Receiver (larger/rectangular) for attachment to Display
- IR frequency range: 940nm IR Frequency: 38KHZ

SPECIFICATIONS

Dimensions (WxHxD):	76mm x 27mm x 105mm / 2.99" x 1.06" x 4.14"
Weight:	0.35kg / 0.77lb (pair)
Operating Temperature Range:	-5 to +35°C (-41 to +95°F)
Operating Humidity Range:	5 to 90 % RH (no condensation)
Output Bandwidth Signalling Rate:	6.75Gbps
Input Video Signal:	0.5-1.0 volts p-p
Input DDC Signal:	5 volts p-p (TTL)
Maximum Single Link Range:	1080p 36bit Deep Colour
Transmission Distance:	1080p up to 70m / 230ft (Under perfect transmission conditions including straight cable runs with no electrical interference, bends, kinks, patch panels or wall outlets.)
Video Format Supported:	VESA: 640x480, 800x600, 1024x768, 1280x1024, 1600x1200, 1920x1200, 1920x1080 DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p
Output Video:	Video: HDMI 1.4+HDCP (Sync mirrors source)
Audio Format Supported:	Supports DTS-HD, Dolby-HD, multichannel 7.1, 5.1, stereo (Sync mirrors source)
Power Supply:	5VDC - from mains or USB 5V power adapter
Power Consumption:	2.5 Watts (TRANSMITTER) 5 Watts (RECEIVER)
British Thermal Unit (BTU):	8.53 (TRANSMITTER) 17.06 (RECEIVER)
Rack Space Required:	N/A



KEY		
	—	IR TX
	—	IR RX
	—	CAT 5e/6 70M/230FT
	—	HDMI
	—	RS232