

Wyrestorm EX-1UTP-IR-40 HDMI Balun

The Wyrestorm EX-1UTP-IR-40 is a short range single cable extender set capable of transmitting full 1080p HD video, HD audio and one-way IR source control together through the HDMI signal over a Cat5eii/6/7 cable distances up to 40m (131ft) under ideal transmission conditions.



Features

- Transmits a two-way IR control signal together with the HDMI signal over a single Cat5eii/6/7 cable.
- Receivers capable of 1080p transmissions up to 40m (131ft) under perfect conditions.*
- Automatically adjusts feedback, equalization and amplification of signal for easy installation.
- For even greater control and fine tuning, each receiver features a fully adjustable EQ distance range for optimising the transmission signal.
- Protection against ESD (electrostatic discharge) included within the unit to further stabilise transmission.
- LED indications for visual power and video signal status.
- Power baluns 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.
- Fully cascable to further lengthen transmission.
- EDID DIP switch on Transmitter to encourage EDID communication between sources and displays in the event of signal transmission difficulties.
- DISTANCE ADJUSTMENT on Receiver balun can be further fine-tuned depending on the length of Cat5e/6/7 cable used for optimum performance.

Specifications:

Maximum Distance	40 metres @ 1080P
Video Support	6.75 Gbps, 1080P, 24bit Colour, 3D (stereoscopic and frm seq.)
Supplied Accessories	IR receiver, IR emitter, 2 x power supplies, 2 x 5V USB power cables
Dimensions (WxHxD)	60mmx 115mm x 23mm
Weight (Kg)	0.15Kg (each)
Operating Temperature	-5 to +35°C (-41 to +95 °F)
Operating Humidity	5 to 90 % RH (no condensation)
Video Amplifier Bandwidth	6.75Gbps
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Transmission distance	1080p up to 40m (* 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 DTV/HDTV: 480i/576i/480p/ 576p/720p/1080i/1080p
Output Video	HDMI v1.3 + HDCP (mirrors the input source to the output display)
Audio Format Supported	DTS-HD Master Audio, Dolby True HD, multi-channel 5.1, 7.1, stereo
Power Supply	5VDC - from mains or USB 5V power adapter
Power Consumption	1.5Watts Max. (each)



Cat5e Cable Performance Guide

5m	10m	15m	20m	25m	30m	35m	40m
Single Cat5e/6/7 HD Display Receiver							
RX-1UTP-IR-40 1080p							
16ft	32ft	49ft	65ft	82ft	98ft	115ft	131ft
1080p				1080i			