40M/131FT LOW PROFILE, SINGLE CABLE HD EXTENDER SET WITH TWO-WAY IR
EX-40

KEY FEATURES:

- Low Profile chassis height of just 15mm/0.6" for greater convenience and flush installations behind screens
- Feature set supporting 1080p/24bit @ 60Hz video, HD audio, two-way IR
- Manual EDID and EQ setting management for improved communication and compatibility between devices

Think Thin.

Ultra Slim point-to-point extender set supporting full 1080p HD video, HD audio and two-way IR control over a single Cat5e/6cable with EDID and distance EQ management all wrapped up in impossibly thin chassis for unbeatable value, reliability and ease of installation.

ADDITIONAL FEATURES & BENEFITS:

- WyreStorm EX-40 Extender Set capable of 1080p HD video @60Hz, HD audio and discrete wide-band two-way IR control signal together within the HDMI signal up to 40m/131ft along a single Cat5e/6 cable under perfect conditions*
- Supports all high definition resolutions: 1080p, 1080i, 720p with screen refresh rates of 24Hz, 30Hz, 50Hz and 60Hz
- HDMI v1.3 with full 3D compatibility - including frame packing/sequential (Blu-Ray) and interlaced stereoscopic (satellite/ cable broadcasts)
- Threaded bushings on allow use of both standard and locking DC power plugs
- Additional power via phoenix connection
- LED indication for visual confirmation of power supply to units and signal status to show established connection between connected devices

- Supports 24bit colour depth
- Extenders cascadable up to 7 times within a single output zone (7 x 40m/131ft)
- Cable termination follows IEEE-568B standards
- HDCP compliant
- Internal automatic adjustment of feedback, equalization and amplification of signal for easy installation

*Perfect transmission conditions - cable run within specified distance range of product, no electrical interference, the use of straight cable runs with no bends or kinks and no patch panels or wall outlets used. Please be advised that the presence of any of these factors in your installation may compromise bandwidth and signal strength.
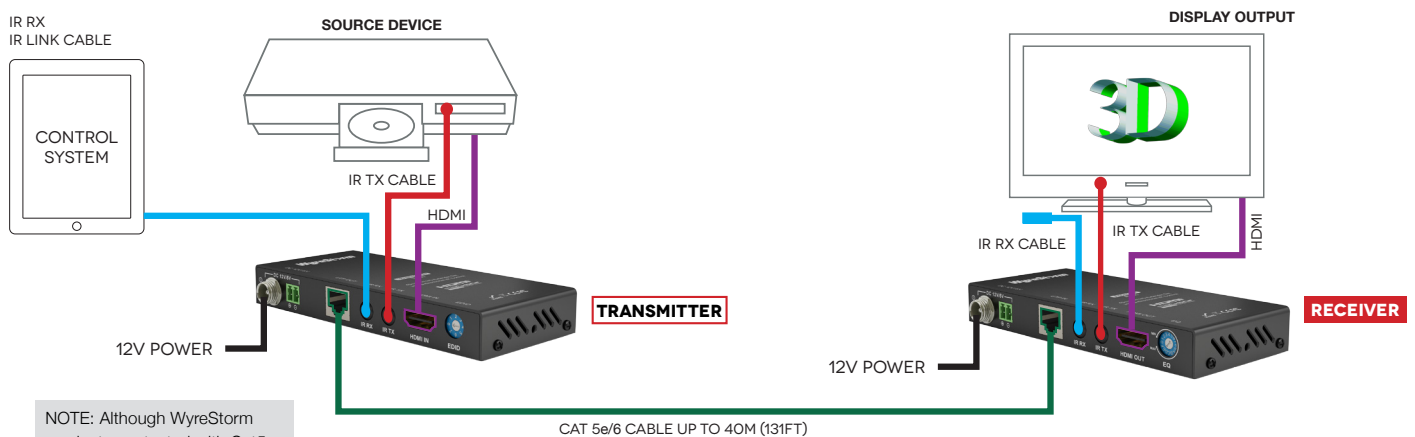
IN THE BOX

1 x WyreStorm EX-40 HD Extender Set comprising of TX-40 Transmitter and RX-40 receiver
1 x Printed quickstart guide - Full instruction manual and quickstart downloadable from www.wyrestorm.com
2 x Pairs of unit mounting brackets

2 x 12V/1.5A DC power supplies
2 x Wide-band IR TX Emitter
2 x Wide-band IR RX Receiver (30-50KHz)
2 x 3.5mm Phoenix male Connector (2 pin)

WyreStorm
DIGITAL INTEGRITY

US OFFICE:
TEL: +1 901 384 3575
FAX: +1 901 384 3574

EMEA OFFICE:
TEL: + 44 (0) 1793 230 343
FAX: + 44 (0) 1793 230 583

SPECIFICATIONS

Data Range	6.75Gbps Maximum
Maximum Transmission Distance	40m / 131ft
I/O Connections	Transmitter
	1 x RJ45 port, 1 x HDMI IN, 1 x IR IN, 1 x IR OUT
	Receiver
	1 x RJ45 port, 1 x HDMI OUT, 1 x IR IN, 1 x IR OUT
Power Supply	12V / 5V DC
Power Consumption	5 Watts (Max)
Input Video Signal	1.2 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1080p 24bit colour depth
Video Format Supported	VESA: 640x480, 800x600, 1024x768, 1280x1024, 1600x1200, 1920x1080
	1920x1200
	DTV/HDTV: 480i/567i/480p/567p/720p/1080i/1080p
Output Video	HDMI v1.3 + HDCP (mirrors the input source to the output display)
Output Audio	DTS-HD, Dolby-HD
IR Wavelength & Frequency	Wavelength: 940nm IR Frequency: 38KHz
Operating Temperature	32°F to 95°F (0°C to 35°C) 10% to 90%, non-condensing
Storage Temperature	-4°F to 140°F (-20°C to 70°C) 10% to 90%, non-condensing
Dimension (H x W x D)	17mm x 127mm × 54mm / 0.67"x 5.0" x 2.12"
Mass (Main unit)	0.3kg / 1.16lb (each)
Certification	CE, FCC, RoHS

IR RX
IR LINK CABLE

SOURCE DEVICE

DISPLAY OUTPUT

CONTROL SYSTEM

IR TX CABLE

HDMI

3D

IR RX CABLE

IR TX CABLE

HDMI

TRANSMITTER

RECEIVER

12V POWER

12V POWER

CAT 5e/6 CABLE UP TO 40M (131FT)

NOTE: Although WyreStorm products are tested with Cat5e, we recommend Cat6 due to increased bandwidth and improved capacity for handling large transmissions and power along a single cable.

Follow us on Twitter
@WyreStorm1

Watch us on Youtube
WyreStormHD

Like us on Facebook
WyreStorm Technologies

Connect with us on LinkedIn
WyreStorm Technologies

For additional product information visit www.wyrestorm.com

For technical support contact: US: +1 901 384 3575   EMEA: +44 (0) 1793 230 343