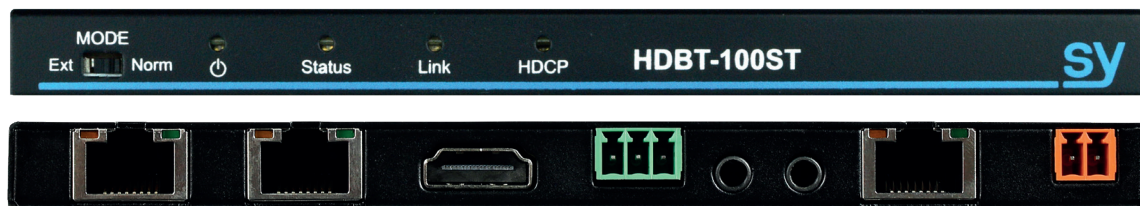


HDMI HDBaseT 100m Extender Pair with RS232, 2 x IR, Ethernet and PoC

HDBT-100-SLIM

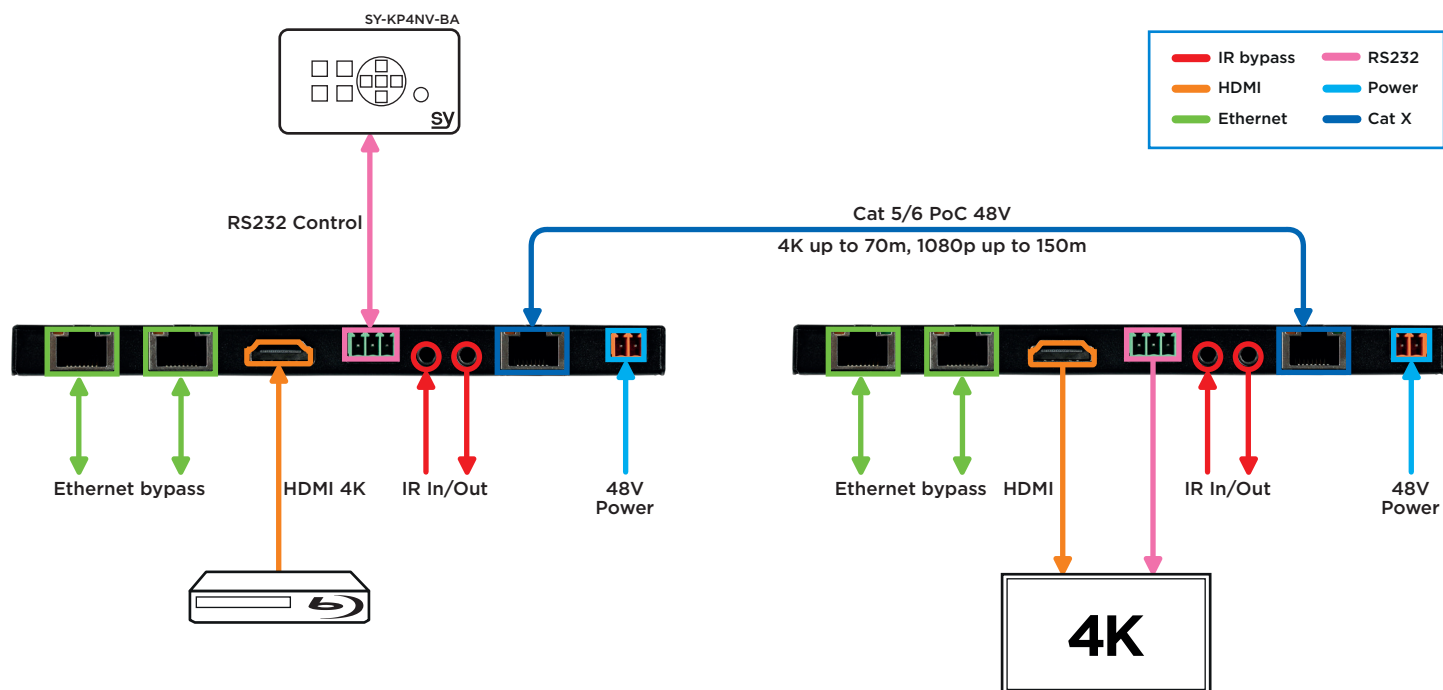


HDBT-100-SLIM

The HDBT-SLIM-100ST and HDBT-SLIM-100SR HDBT transmitter/receiver pair will transmit up to 4k HDMI, two-way IR control, bi-directional RS232 data, Ethernet data and power over a single cat6 cable with perfect quality. The maximum distance is dependent on the resolution and the full 100m can be achieved with 1080p HDMI signals. This maximum distance reduces to 70m for 4k HDMI signals. These extenders will suit a wide range of applications in the AV industry, digital signage and at home.

FEATURES

- Extends 1080p HDMI and data up to 100m with HDCP support and HDMI 2.0 compatibility
- Extends 4k HDMI and data up to 70m with HDCP support and HDMI 2.0 compatibility
- Provides transmission of IR and RS232 control signals over the same cable in both directions
- Bi-directional IR and RS232 control
- Mode Switch
- Status indicators for Link, HDMI and HDCP
- Supports all HDMI resolutions up to 4K x 2K (including: 1080p, 1080i, ..., 480p and 480i)
- Two-port Ethernet hub on both the transmitter and the receiver
- Supports 3D and CEC
- Only one 48V DC power supply required (at the Transmitter or Receiver)
- Handles all resolutions to 4K2K@60Hz 4:2:0 (1080p, 3D, ...) in and out.



HDMI HDBaseT 100m Extender Pair with RS232, 2 x IR, Ethernet and PoC

HDBT-100-SLIM



SPECIFICATIONS

PART NUMBER	SY-HDBT-100-SLIM-SET			
VIDEO RESOLUTIONS/FORMATS	480i/576p/720i/720p/1080i/1080p /3840x2160 (8bit 30Hz RGB 4:4:4 YCbCr)			
BANDWIDTH	10.2Gbps			
HDCP	Compatible with all versions up to 2.2v			
INPUTS	TRANSMITTER		RECEIVER	
	Video 1xHDMI Type-A	Audio 1xPhoenix RS232 (Bi-directional CTS+RTS)	Video 1xRJ45	Audio 1xPhoenix RS232 (Bi-directional)
OUTPUTS	Video 1xRJ45	Audio 1xPhoenix RS232 (Bi-directional)	Video 1xHDMI Type-A	Audio 1xPhoenix RS232 (Bi-directional CTS+RTS)
CONTROL	IR Receiver Input via 3.5mm			
CLOCK SPEED	340Mhz			
POWER SUPPLY	12V DC, 2.0A			
POWER CONSUMPTION	14W			
WEIGHT AND DIMENSIONS	Weight (net) 0.300kg	Size (WHD) 158 x 11.5 x 89mm		
CERTIFICATES	CE, RoHS, FCC			
WHAT'S IN THE BOX	1x HDBT Transmitter 1x HDBT Receiver 1x Wall plug power supply with EU adaptor 2x Phoenix plugs Installation manual			

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