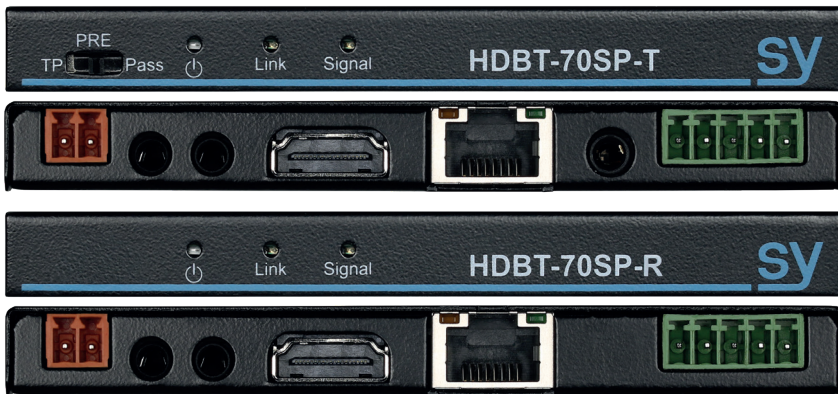


# HDBT-70SP-T, HDBT-70SP-R, HDBT-70SP-SET

Ultra slim HDBaseT 70m Extender Pair with 2x RS232, 2x IR & iPoC



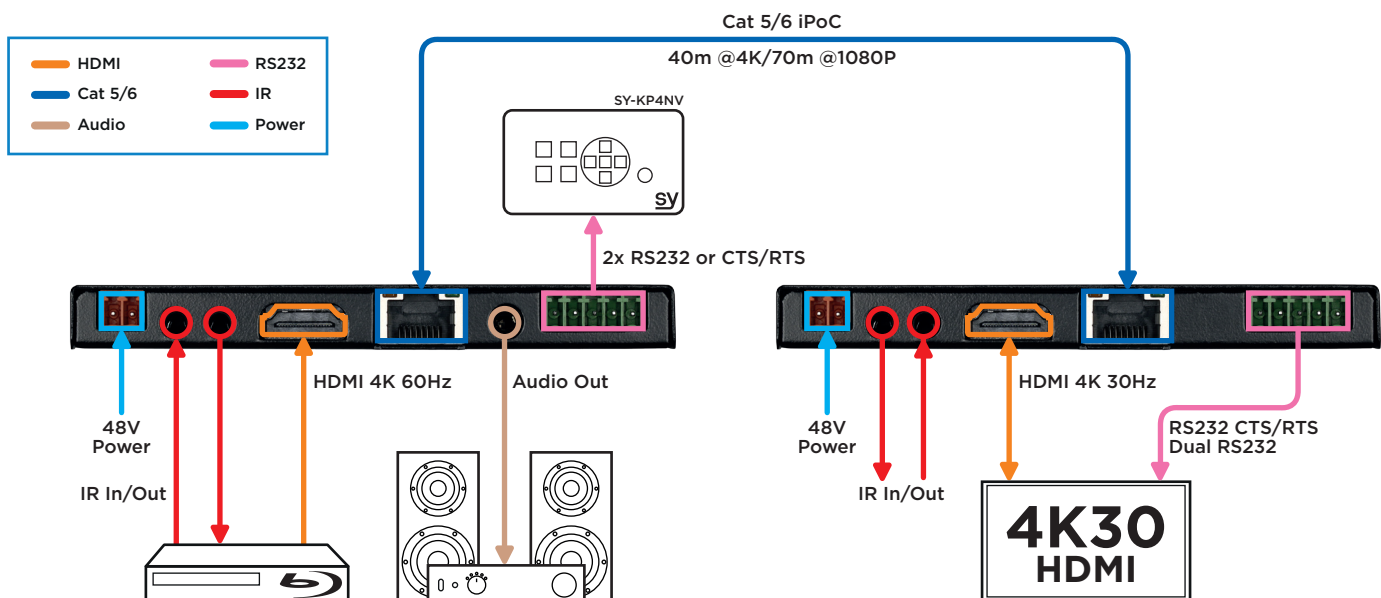
## HDBT-SLIM70-PRO-SET

We've taken the most reliable and slimmest 4K HDBT extender set on the market and pumped it full of performance enhancing features. The unit retains all the benefits of our previous generation 70 SLIM EDGE, extending HDMI signals via Cat 6 up to 70m @1080p or 40m @4K, bi-directional IR and 2x RS232. The enhancements now includes support and management of HDCP 1.4 and HDCP 2.2, built-in down-scaler for 4K60 4:4:4 to 4K60 4:2:0/1080p, and Test Pattern Generator with Checkerboard or Solid Colour Patterns for a wide range of resolutions/frame rates. The Video Keep Alive function maintains video output when there is no signal detected, with HPD Control stimulates the source to re-communicate with the display, and Audio De-embedding is available via Analogue Stereo L/R or Optical S/PDIF. EDID management, Temperature diagnostics, overheat detection and reporting with auto shut off facility plus the use of a single 48V Mini Jack power supply with iPoC (intelligent PoC) for either side are amongst the many added features. All this functionality is still packed in a small form factor and still the slimmest HDBaseT extender in the world. The Slim70-Pro extender is formidable and one of the Worlds slimmest HDBaseT Extender.

## FEATURES

- 1080p to 70m, 4K30 to 40m
- Down Scaling (Colour Space) - 4K60 4:4:4 to 4K60 4:2:0
- Down Scaling (Resolution) - Any 4K signal to 1080p
- 2x Bi-directional RS232
- Bi-directional IR
- Audio De-embedder - Analogue and Optical Toslink
- iPoC - Intelligent PoC - Only one PSU required (either end)
- EDID, HDCP, and CEC Control
- Test Pattern Generator - Various patterns, Resolutions, Hz
- Video Keep Alive - Perfect for projectors
- Temperature Reporting and Safety Shut Down
- Cat6 Cable Length Measurement
- HPD Toggle
- Diagnostics - Great for installation and trouble shooting
- Superior heat management

## CONNECTIVITY ILLUSTRATION



# HDBT-70SP-T, HDBT-70SP-R, HDBT-70SP-SET

Ultra slim HDBaseT 70m Extender Pair with 2x RS232, 2x IR & iPoC



## SPECIFICATIONS

<b>PART NUMBER</b>	SY-HDBT-SLIM70-PRO-SET			
<b>VIDEO RESOLUTIONS/FORMATS</b>	480i/576p/720i/720p/1080i/1080p /3840x2160 (8bit 30Hz RGB 4:4:4 YCbCr)			
<b>BANDWIDTH</b>	10.2Gbps			
<b>HDCP</b>	Supports all version up to 2.2			
<b>INPUTS</b>	<b>Video</b> 1x HDMI 2.0	<b>Control</b> 2x RS232 ports - Phoenix connectors		
<b>OUTPUTS</b>	<b>HDBaseT</b> 1x RJ45	<b>Control</b> 2x RS232 ports - Phoenix connectors	<b>Video</b> 1x HDMI 1.4	<b>Audio</b> Mini Optical Jack
<b>CONTROL</b>	IR Receiver Input via 3.5mm RS232			
<b>POWER SUPPLY</b>	48V DC, 0.5A, 2 Pin Pheonix			
<b>POWER CONSUMPTION</b>	7.5W			
<b>WEIGHT AND DIMENSIONS</b>	<b>Weight (net)</b> 0.240kg (each)	<b>Size (WHD)</b> 109 x 11.5 x 70mm		
<b>WHAT'S IN THE BOX</b>	1x HDBT-SLIM70-PRO-SET 2x Phoenix plugs Mounting brackets and chassis screws 1x PSU 48V 1x User manual			

SY-HDBT-SLIM70-PRO-SET Data Sheet 01. Details subject to change with no prior notice. ©SY Electronics 2020