




HDMI Extender (HDBaseT), 150m 18Gbps, 4K/60Hz, 4:4:4, HDR



-  HDBaseT Transmission
-  4K/60Hz, 4:4:4, HDR10+
-  18Gbps Uncompressed

Key Features

- Distance 150m CAT5e/6
- 18Gbps, 4K/60Hz
- HDMI 2.0, HDCP 1.4 / 2.2
- Zero latency
- RGB / YCbCr 4:4:4
- HDMI Looped Output
- Extracted Audio
- Dolby Vision™ & HLG
- Bi-Directional IR
- Full Duplex RS232
- PoC (power over cable)
- Ultra Slim Design

Description

The SC05.7150 extends the distance between the HDMI source and display using a single CAT5e/6 cable by up to 150m. Uncompressed Ultra HD 4K signals are transmitted without signal loss and automatically adjusts for CAT5e/6 cable lengths. Bi-Directional Infra-Red provides control for both the source and screen and the transmitter has a looped HDMI output for connecting a local screen.

The extenders use HDBaseT technology to achieve Ultra HD 4K@60Hz, RGB / YCbCr 4:4:4 to achieve zero latency and loss less signal quality. The units are only 18mm thick which is ideal for mounting behind screens or confined spaces.

PoC (power over cable) means only one device requires power.

The SC05.7150 is supplied as a pair and contains Tx/Rx infra-red cables and PSU . These units are ideal for home, office and general retail display screens.

Specifications

Technical	
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2
Bandwidth	18Gbps
Video Resolutions	4K/60Hz
HDMI Audio Formats	LPCM 2.0/2.1/5.1/6.17.1 channel, Dolby Digital™, Dolby True HD™, Dolby Digital Plus (DD+)™, DTS HD Master Audio™, DTS HD-HRA, DTS-X
Transmission Distance	150m@1080p / 120m@4K over CAT6
Colour Space	RGB/YCbCr 4:4:4, YCbCr 4:2:2, YUV 4:2:0, HDR10+
Colour Depth	/8/10/12-bit (1080p/60Hz, 4K/30Hz, 4K/60Hz, YCbCr 4:2:2/4:2:0), 8-bit (4K/60Hz 4:4:4)
Stereo Audio (Extracted)	PCM 2.0
Connectors	
Transmitter	2 x HDMI Input/Output Type A (19-Pin Female)
	1 x RJ45 Data Socket
	2 x 3.5mm Jack Sockets
	1 x 3 Pin Phoenix Terminal
	1 x DC Jack Socket
Receiver	1 x HDMI Input Type A (19-Pin Female)
	1 x RJ45 Data Socket (1G and 10G LAN)
	1 x 3 Pin Phoenix Terminal
	3 x 3.5mm Jack Socket
	1 x DC Jack Socket
Power	
Transmitter - Power Adaptor	Input - 110~240V, 50/60Hz
	Output - DC 24V/1A
	Consumption - 4.5 Watts
Receiver - Power Adaptor	Input - 110~240V, 50/60Hz
	Output - DC 24V/1A
	Consumption - 4.5 Watts
Environmental	
Operating Temperature	-0 to 40°C
Storage Temperature	-20 to 60°C
Relative Humidity	20 to 90% RH (no condensation)
ESD Protection	Human body model +/- 8kV (air gap discharge) and +/- 4kV (contact discharge)
Mechanical	
Housing	Black Metal (Steel) Enclosure
Dimensions - Tx and Rx	(W) 140 x (D) 65 x (H) 18mm (both ends)
Weight - Tx and Rx	Tx = 160g and Rx = 160g



+44 (0) 1635 862484



sales@scion-tech.co.uk



www.scion-tech.co.uk

Scion Tech Ltd - Thatcham, Berkshire
United Kingdom.