SC05.7150



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



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

Scion Tech Ltd - Thatcham, Berkshire United Kingdom.

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.



SC05.7150

SCION

Specifications

HDMI ComplianceHDMI 2.0HDCP ComplianceHDCP 2.2Bandwidth18GbpsVideo Resolutions $4K/60Hz$ LPCCM 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-XTransmission Distance150m@1080p / 120m@4K over CAT6Colour SpaceRGB/YCbCr 4:4:4, YCbCr 4:2:2, VUV 4:2:0, HDR10+ ($8/10/12$ -bit (1080p/60Hz, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$, $4K/30Hz$, $4K/60Hz$, YCbCr 4:2:2/4:2:0), 8-bit ($4K/60Hz$, $4K/30Hz$,	Technical	
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Operating Temperature-0 to 40°CStorage Temperature-20 to 60°CRelative Humidity20 to 90% RH (no condensation)ESD ProtectionHuman body model +/- 8kV (air gap discharge) and +/- 4kV (contact discharge)MechanicalHousingBlack Metal (Steel) EnclosureDimensions - Tx and Rx(W) 140 x (D) 65 x (H) 18mm (both ends)		
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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)		
ESD ProtectionHuman body model +/- 8kV (air gap discharge) and +/- 4kV (contact discharge)MechanicalHousingBlack Metal (Steel) EnclosureDimensions - Tx and Rx(W) 140 x (D) 65 x (H) 18mm (both ends)	<u> </u>	
ESD Protection 4kV (contact discharge) Mechanical Housing Black Metal (Steel) Enclosure Dimensions - Tx and Rx (W) 140 x (D) 65 x (H) 18mm (both ends)		
MechanicalHousingBlack Metal (Steel) EnclosureDimensions - Tx and Rx(W) 140 x (D) 65 x (H) 18mm (both ends)	ESD Protection	, ,
HousingBlack Metal (Steel) EnclosureDimensions - Tx and Rx(W) 140 x (D) 65 x (H) 18mm (both ends)		
Dimensions - Tx and Rx(W) 140 x (D) 65 x (H) 18mm (both ends)	Housing	Black Metal (Steel) Enclosure



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