

## HDMI (HDBaseT) Extender, 100m 4K/60Hz



### Key Features

- Extends up to 100m
- 4K/60Hz,
- HDMI 2.0, HDCP 2.2
- Uncompressed zero latency
- LPCM, Dolby Digital™
- Bi-Directional IR
- Full Duplex RS232
- PoC (power over cable)



Extends up to 100m@1080p/60Hz and 70m@4K/60Hz



HDMI 2.0, HDCP 2.2, CEC, 3D



PoC (power over cable), receiver is powered by the transmitter

### Description

The SC05.3100 extends the distance between the HDMI source and display using a single CAT5e/6 cable by up to 100m. 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. The extenders use HDBaseT Class A technology to achieve Ultra HD 4K@60Hz.

The SC05.3100 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	10.2Gbps
Video Resolutions	4K@60Hz
HDMI Audio Formats	LPCM 7.1CH, Dolby True HD™, Dolby Digital Plus™ and DTS HD Master Audio™.
Transmission Distance	100m @ 1080p and 70m @ 4K
Connectors	
Transmitter	1 x HDMI Input Type A (19-Pin Female)
	1 x RJ45 Data Socket
	1 x 3 Pin Phoenix Terminal
	2 x 3.5mm Jack Socket
	1 x DC Jack Socket
Receiver	1 x HDMI Output Type A (19-Pin Female)
	1 x RJ45 Data Socket
	1 x 3 Pin Phoenix Terminal
	2 x 3.5mm Jack Socket
Power	
Transmitter - Power Adaptor	Input - 110~240V, 50/60Hz Output - DC 12V/2A Consumption - 7.5 Watts
Receiver - Power Adaptor	PoC (powered over cable)
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) 105 x (D) 71 x (H) 25mm (both ends)
Weight - Tx and Rx	Tx = 700g and Rx = 700g

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