

18Gbps 4K HDMI Extender with Looped HDMI & PoC



Key Features

- Extends up to 70m over CAT5e/6
- HDMI 2.0, HDCP 2.2, HDR
- Supports 18Gbps
- 4K/60Hz, YCbCr 4:4:4
- LPCM 7.1, Dolby True HD, DTS-HD
- Looped HDMI output on transmitter
- PoC (only needs one PSU at either end)
- IR Pass-Through for source control
- Advanced EDID

Description

The SC01.7060 extends the distance between the HDMI source and display up to 70m over a single CAT5e/6 cable with zero degradation and zero latency. The 18Gbps technology supports resolutions up to 4K/60Hz and LPCM 7.1 digital audio. The transmitter has a looped HDMI output for connecting a local display and the return path wide band infra-red gives smooth control of the source device.

These units support HDMI 2.0, HDCP 2.2 and HDR making them suitable for most system installations, including Gaming, DVD, SkyHD and SkyQ™.

Specifications

Connectivity

Transmitter

HDMI Input: 1 x HDMI Type A, 19-Pin Female

HDMI Output (Looped): 1 x HDMI Type A, 19-Pin Female

CAT5e/6 Output: 1 x RJ45 Data Socket

Infra-Red Out: 1 x 3.5mm Jack Socket

Firmware Upgrade: 1 x Mini HDMI

Power: 1 x 2.1mm DC Jack

Receiver

CAT5e/6 Input: 1 x RJ45 Data Socket

Infra-Red Input: 1 x 3.5mm Jack Socket

HDMI Output: 1 x HDMI Type A, 19-Pin Female

Firmware Upgrade: 1 x Mini HDMI

Power: 1 x 2.1mm DC Jack

Signal

Signal Input: HDMI

Standards: HDMI 2.0, HDCP 2.2

Bandwidth: 18Gbps

Video Resolutions: 4K/60Hz, 4:4:4

Colour Space: RGB/YCbCr 4:4:4, YCbCr 4:2:2, YUV 4:2:0, HDR, HDR 10+, DLD, Dolby Vision

Colour Depth: 8/10/12-bit

Audio: LPCM 2.0/2.1CH, Dolby 5.1, Dolby True HD™, Dolby DD+™, DTS 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1

Infra-Red: Wide Bandwidth, Frequency 30KHz to 56KHz (940nm)

Performance

Cable Distance/Resolution:

CAT5e = 4K/60Hz@50m, 4K/30Hz@50m, 1080p/60Hz@50m

CAT6/6a/7 = 4K/60Hz@60m, 4K/30Hz@70m, 1080p/60Hz@70m

Power

Type: AC to DC Mains Adaptor (only requires power at one end, Tx or Rx)

Input: 100~240V AC 50/60Hz

Output: Transmitter 12V/1A

Consumption: 3.8 Watts

Environment

Operating Temperature: -0° to 40°C

Storage Temperature: -20° to 60°C

Operating Humidity: 20 to 90% RH (no condensation)

Dimensions: Tx = (W) 76 x (D) 73 x (H) 18, Rx = (W) 76 x (D) 73 x (H) 18

Weight: Tx = 305g, Rx = 305g

Colour: Black

ESD: Human Body - +/-8kV, (air gap discharge) & +/-4kV (contact discharge)

Safety and Emissions: CE, FCC, RoHS