

# 18Gbps 4K HDMI Extender with Looped HDMI, PoC And Audio Extraction



## Key Features

- Extends up to 90m 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)
- Extracts analogue and digital audio
- IR Pass-Through for source control
- Advanced EDID

## Description

The SC01.7060A extends the distance between the HDMI source and display up to 90m 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. The receiver has extracted analogue and digital audio for connection to independent audio systems.

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

**Analogue Audio Output:** 1 x 3.5mm Jack Socket

**Digital Audio Output:** 1 x Toslink Optical

**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:** 4K/60Hz@70m, 4K/30Hz@80m, 1080p/60Hz@90m, measured using CAT5e/6 cable

### 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