

SC01.3100

HDMI Extender + IR over CAT5/5e/6, 120m



Key Features

- Transmits uncompressed HDMI up to 120m over a single CAT5/5e/6 cable
- Supported resolutions: Full HD 1080p@60Hz
- Supports PCM, Dolby Digital™ and DTS Digital Surround™
- Infra-Red return path for controlling source device
- Bandwidth: 10.2Gbps, HDMI 1.3, HDCP 1.4
- Plug & Play Installation with LED Indication for Link Connection
- Compact size: 70 x 60 x 16mm

- Transmits Uncompressed HDMI over 120m
- Full HD 1080p
- Only 70 x 60 x 16mm



Description

The SC01.3100 extends the distance between the HDMI source and display up to 120m over a single CAT5/5e/6 cable. The extender delivers Full HD 1080p resolution and return path infra-red for controlling the source device. These units support HDMI 1.3, HDCP 1.4 making them suitable for all HD system installations.

The extenders are supplied in pairs and include IR cables and 2 x power supplies.



SC01.3100

HDMI Input Resolution

HDMI Compliance

Input & Output TMDS Signal

Input & Output DDC Signal

Transmission Length

HDMI Input Cable Length

HDMI Output Cable Length

Infra-Red

Electrostatic Protection

Power

Power Consumption

Mean Time Between Failure (MTBF)

Working Temperature

Humidity

Dimensions

Weight

Specifications

- 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
- HDMI 1.3 and HDCP 1.4
- 0.5~1.0Vp-p (TMDS)
- 5Vp-p(TTL)
- 120m over CAT6, 100m over CAT5e, 80m over CAT5
- ≤8m(AWG24)
- ≤8m(AWG24)
- Bi-Directional IR - 20~60KHz frequency
- 1a Contact discharge level 3, 1b Air discharge level 3, Standard: IEC61000-4-2
- 2 x DC5V/1A Mains Adaptors
- Transmitter 2w and Receiver 2W
- >30000 Hours
- 5 ~ 35°C
- 0 ~ 90% (no condensation)
- 70(L) x 60(W) x 16(H)mm, Receiver 70(L) x 60(W) x 16(H)mm
- Main Unit = 70g, Receiver = 70g

Connections

Transmitter

HDMI Input

Infra-Red Output

Signal Output

Power

- HDMI Socket Type-A
- 3.5mm Jack Socket
- RJ45 Socket
- DC Jack

Receiver

HDMI Output

Infra-Red Input

Signal Input

Power

- HDMI Socket Type-A
- 3.5mm Jack Socket
- RJ45 Socket
- DC Jack

