

SC35.0808

8 x 8 HDMI over CAT5e/6 (HDBaseT) Matrix

Key Features

- Any 8 inputs to any 8 outputs simultaneously
- HDMI 2.0, HDCP 2.2 compliant
- Supports resolutions up to 4K@60Hz, YUV 4:2:0
- Transmission distance over CAT5e/6 up to 70m
- HDMI and HDBaseT outputs
- Embedded Audio Inputs
- De-Embedded audio from output via SPDIF and analogue
- Remote end input selection with IR remote
- Bi-Directional Infrared
- Control: Front panel buttons, IR, RS232 and IP
- PoC (Receivers are powered by the matrix)
- 19" x 2RU Chassis
- 2 year warranty



UHD 4K@60Hz



HDMI 2.0, HDCP 2.2



Up to 70m over CAT5e/6



Description

This professional 8 x 8 HDMI over CAT5e/6 matrix uses HDBaseT technology to deliver UHD 4K video up to 70m. The matrix supports HDMI 2.0 and HDCP 2.2 and is compatible with the latest HDMI devices including Sky Q™.

Digital and analogue audio can be embedded and de-embedded from the inputs/outputs for inserting separate audio and connecting to local audio amplifiers using SPDIF and 3.5mm jack connections.

Receivers are powered by the matrix over the CAT5e/6 cable so there's no need for bulky power supplies behind the displays.

Bi-Directional infrared provides a return path for controlling source devices from each remote zone and control of the TV's from the matrix. Each zone can select an input using the IR remote supplied. The matrix can also be controlled via local front panel buttons, local IR, RS232 and IP via telnet.

This matrix is ideal for domestic, commercial and educational use.



HDBaseT-L-Receiver



SC35.0414

HDMI Input Resolution
 HDMI Compliance
 Input & Output TMDS Signal
 Input & Output DDC Signal
 Transmission Length
 HDMI Input Cable Length
 HDMI Output Cable Length
 Embedded and de-embedded Audio
 Infra-Red
 Transfer Method
 Electrostatic Protection
 Power
 Power Consumption
 Mean Time Between Failure (MTBF)
 Working Temperature
 Humidity
 Dimensions
 Weight

Main Unit

HDMI Input
 Embedded Digital Audio
 Embedded Analogue Audio
 Infra-Red Input
 RS232
 IP/LAN
 HDMI output (HDBaseT)
 HDMI output
 Infra-Red Output
 De-Embedded Analogue Audio Output
 De-Embedded Digital Audio SPDIF
 Power

Receiver

HDMI Input
 Infra-Red Input
 RS232
 Infra-Red Output

Specifications

- 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 4Kx2K @24/25/30/60Hz
- HDMI 2.0 and HDCP 2.2
- 0.5~1.0Vp-p (TMDS)
- 5Vp-p(TTL)
- 70m@1080p and 40m@4K
- ≤5m(AWG24)
- ≤5m(AWG24)
- Analogue Stereo Audio and SP DIF
- Bi-Directional IR - 20~60KHz frequency
- HDBaseT over UTP/STP CAT5/5e/6
- 1a Contact discharge level 3, 1b Air discharge level 3, Standard: IEC61000-4-2
- 2 x DC12V/3A
- 25W Maximum
- >30000 Hours
- 5 ~ 35°C
- 0 ~ 90% (no condensation)
- 483(L) x 398(W) x 88(H)mm, Receiver 105(L) x 71(W) x 25(H)mm
- Main Unit = 7.5Kg, Receiver = 700g

Connections

- 8 x HDMI Socket Type-A
 - 8 x RCA Phono
 - 8 x 3.5mm Jack Sockets
 - 8 x 3.5mm Jack Socket
 - 1 x DB9 Socket, 4 x 3-Pin Phoenix
 - 1 x RJ45 Socket
 - 8 x RJ45 Socket
 - 8 x HDMI Socket Type-A
 - 8 x 3.5mm Jack Socket
 - 8 x 3.5mm Jack Socket
 - 8 x RCA Phono Socket
 - 1 x IEC
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- 1 x RJ45 Socket (HDBaseT)
 - 1 x 3.5mm Jack Socket
 - 3-Pin Phoenix
 - 1 x 3.5mm Jack Socket