

SC35.MX44

4 x 4 HDMI over CAT6 (HDBaseT) Matrix



Features

- Supports HDMI 2.0b, HDCP 2.2
- Resolution: 4K/60Hz, YUV 4:4:4
- 4 x HDMI inputs
- 3 x HDBaseT outputs + 1 HDMI
- LPCM 7.1
- Video bandwidth: 18Gbps
- Transmission up to 70m
- Local analogue/digital audio output
- Bi-Directional IR
- PoC (receivers powered by matrix)
- Control: Front panel buttons, local IR, remote IR, RS232, IP/LAN
- Rack mountable



HDMI 2.0, HDCP 2.2



Bandwidth: 18Gbps



4K@60Hz, YUV 4:4:4

Description

The SC35.MX44 switches any 4 inputs to any 4 outputs at resolutions up to 4K@60Hz. The matrix supports video bandwidths up to 18Gbps, HDMI 2.0b, HDCP 2.2 and LPCM 7.1 audio.

Each HDBaseT port passes Bi-Directional IR, RS232 and provides power for the receivers.

A single analogue and digital audio output is provided for connecting to a local audio amplifier or distribution system and the output is software selectable.

This matrix is suited to any installation requiring Ultra HD switching including boardrooms, classrooms, general office, retail displays, home gaming, Sky Q etc.



SC35.MX44

HDMI Input Resolution

HDMI Compliance

Input & Output TMDS Signal

Input & Output DDC Signal

Transmission Length

HDMI Input Cable Length

HDMI Output Cable Length

Extracted Audio

Infra-Red

Transfer Method

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, 4Kx2K @24/25/30/60Hz
- HDMI 2.0b and HDCP 2.2
- 0.5~1.0Vp-p (TMDS)
- 5Vp-p(TTL)
- 70m@1080p and 35m@4K
- ≤5m(AWG24)
- ≤5m(AWG24)
- Analogue Stereo Audio and Digital Optic
- Bi-Directional IR - 20~60KHz frequency
- HDBaseT over UTP/STP CAT6 and above
- 1a Contact discharge level 3, 1b Air discharge level 3, Standard: IEC61000-4-2
- 1 x DC24V/3A
- 35W Maximum
- >30000 Hours
- 5 ~ 35°C
- 0 ~ 90% (no condensation)
- 360(W) x 160(D) x 35(H)mm, Receiver 115(W) x 65(D) x 17(H)mm
- Main Unit = 2Kg, Receiver = 206g

Connections

Main Unit

HDMI Input

Infra-Red Input

RS232

IP/LAN

HDBaseT output

HDMI output

Infra-Red Output

Analogue Audio Output

Digital Audio

Power

- 4 x HDMI Socket Type-A
- 4 x 3.5mm Jack Socket
- 1 x 3-Pin Phoenix
- 1 x RJ45 Socket
- 3 x RJ45 Socket (HDBaseT)
- 1 x HDMI Socket Type-A
- 4 x 3.5mm Jack Socket
- 1 x 3.5mm Jack Socket
- 1 x Optical
- 1 x DC Jack

Receiver

HDBaseT Input

Infra-Red Input

RS232

Infra-Red Output

- 1 x RJ45 Socket (HDBaseT)
- 1 x 3.5mm Jack Socket
- 3-Pin Phoenix
- 1 x 3.5mm Jack Socket

