

SC35.MX88

8 x 8 HDMI over CAT6 (HDBaseT) Matrix



Features

- Supports HDMI 2.0b, HDCP 2.2
- Resolution: 4K/60Hz, YUV 4:4:4
- 8 x HDMI inputs
- 6 x HDBaseT outputs + 2 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.MX88 switches any 8 inputs to any 8 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.MX88

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)
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- 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
- 100-240 Volt AC 50/60Hz
- 75W Maximum
- >30000 Hours
- 0 ~ 40°C
- 0 ~ 90% (no condensation)
- 440(W) x 320(D) x 44(H)mm, Receiver 115(W) x 65(D) x 17(H)mm
- Main Unit = 3Kg, 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

- 8 x HDMI Socket Type-A
- 8 x 3.5mm Jack Socket
- 1 x 3-Pin Phoenix
- 1 x RJ45 Socket
- 6 x RJ45 Socket (HDBaseT)
- 2 x HDMI Socket Type-A
- 8 x 3.5mm Jack Socket
- 1 x 3.5mm Jack Socket
- 1 x Optical
- 1 x IEC

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

