



Scion-Tech
Digital Video Distribution

SC08.MX5300M

HDMI over Ethernet with Video Wall Processing.

www.scion-tech.co.uk

AVoIP

Features

- Resolutions up to 1080P/60
- H.264/H.265 Encoding
- Uses 1G Ethernet
- Full Duplex RS232, USB
- 9 x 9 Video Wall Processing
- PoE (802.3af Class 3)
- Control: IP, RS232, Web GUI

Flexible Video Distribution: Revolutionising Connectivity: The Power of AV over IP Technology

Sectors

- Hospitality
- Healthcare
- Education
- Bars, Clubs & Restaurants
- Marine
- Retail - Digital Signage
- Commercial Offices

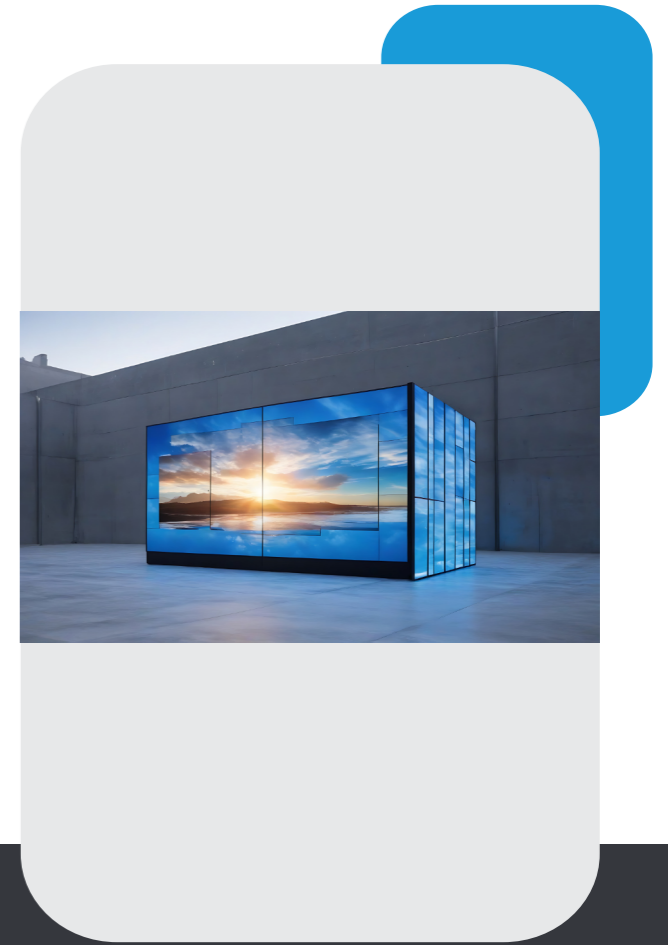
At Scion, we pride ourselves on being the premier provider of AV over IP solutions for a wide range of industries including Hospitality, Education, Healthcare and All Commercial sectors.

With seamless integration and unparalleled performance, our AV over IP products offer a dynamic solution for distributing high-quality content across various platforms with ease. From delivering presentations in corporate settings to creating immersive experiences in entertainment venues, Scion AV over IP empowers you to showcase your content in the most effective and efficient way possible. Trust in our robust technology to elevate your audio visual streaming capabilities to the next level, setting a new standard of excellence in the industry.

Video Wall Processing

9 x 9 Video Wall

Enhance the visual experience of your presentations by creating video walls up to 9x9. Our encoders and decoders allow you to seamlessly display content on a large video wall with crisp clarity and precision. Perfect for boardrooms, control rooms and live events.



H.265/H.264 Encoding With Video Wall Processing

Multi-Functional Not Just Distribution

The SC08.MX5300M encoders and decoders are a perfect solution for distributing audio visual content and switching signals just like a conventional matrix. Unlike matrices, these devices offer a more flexible solution by simply increasing inputs and outputs without limitation.

Control

Our LAN controller offers numerous benefits for efficient management and operation. The ability to easily switch signals is a key advantage of such systems, providing users with a range of control options including TCP/IP, RS232, and Web GUI interface. This diverse control capability not only simplifies the process but also enhances overall system flexibility and user experience.

The MX5300M also provides front panel buttons for local control.



Controlling your AV system with ease

Television

Distribute television throughout offices, universities and medical facilities. Control with ease from any location.

Digital Signage

Digital Signage captures and holds the attention of viewers through interactive and captivating content displayed on digital screens.

Information

Create in-house content to engage with employees or guests. Display opening times for dining or health facilities.

LAN Controller



Specifications

Technical

| | |
|------------------------------|--|
| HDMI Compliance: | HDMI 1.3 |
| HDCP Compliance: | HDCP 1.4 |
| Video Bandwidth: | 4.95Gbps |
| Compression Standard: | H.265 / H.264 |
| Ethernet: | 1G (1000BASE-T) |
| Video Resolution: | Up to 1920 x 1200 @ 60Hz 4:4:4 |
| Colour Space: | RGB 4:4:4, YcbCr 4:4:4, YcbCr 4:2:2 |
| Colour Depth: | Input: 8-bit, 10-bit, 12-bit (1080p@60Hz), Output 10-bit |
| Audio Formats: | LPCM 2.0CH (32/44.1/48KHz) |
| USB: | USB 3.0 |

Connection

| | |
|-----------------|--|
| Encoder: | 1 x HDMI Input (Type-A, 19-Pin Female) 1 x LAN (RJ45 Socket) 1 x Audio IN/OUT (3-Pin Phoenix Terminal) 1 x RS232 (3-Pin Phoenix Terminal) 1 x USB Host (Type-B) 2 x USB Device (Type-A) |
|-----------------|--|

| | |
|-----------------|--|
| Decoder: | 1 x HDMI Output (Type-A, 19-Pin Female) 1 x LAN (RJ45 Socket) 1 x Audio IN/OUT (3-Pin Phoenix Terminal) 1 x RS232 (3-Pin Phoenix Terminal) 2 x USB Device (Type-A) |
|-----------------|--|

| | |
|---------------|--|
| Power: | Input: AC100 - 240V 50.60Hz Output: DC 12V / 1A Consumption: Encoder 4.08W & Decoder 2.76W |
|---------------|--|

Environment

| | |
|-------------------------------|---|
| Housing: | Metal Enclosure |
| Colour: | Black |
| Dimensions: | Enc/Dec = 204mm (D) x 95mm (W) x 22mm (H) |
| Weight: | Encoder 472g and Decoder 468g |
| Operating Temperature: | 14 - 113°F / -10 - 45°C |
| Storage Temperature: | -4 - 140°F / -20 - 60°C |
| Relative Humidity: | 20 -90% RH (no condensing) |





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