



Scion-Tech Ltd

Digital Video Distribution

August 2024
V1.0

Product Catalogue & Prices



Introduction

Understanding and listening to our customers requirements gives us the edge in this rapidly growing market and produces leading edge technology products for distributing Ultra HD video over CAT5e/6/7 cable.

From small personal domestic installations to larger corporate projects, the team at Scion will help guide you through the planning and installation of such an important feature of your home or business. As a pioneer in video over CAT5e/6/7, Scion can provide solutions tailored to fit your budget without compromising quality or performance.

Whether you need real time, zero latency video for your trading floor, or high definition 4K images in the boardroom, Scion can help.

We all at some point nowadays will purchase on line so we have deliberately set out to show with images, text and videos the information you need to be able to see that a product is right for you. Mind you, if we sat back and said to ourselves that this is enough to receive your order then we would be complacent! So we aim to ensure we support you with:

- Great customer care
- Competitive and attractive prices
- Prompt deliveries

And if you do have a problem? Well we will resolve that problem quickly and efficiently as our ultimate goal is to see you come back to us. We don't get everything right but be assured that we'll do our very best to ensure that you get the very best service.

So we hope this gives an indication of who we are and what we can offer. There are many ways of contacting us, so if you require any further information we would be happy to hear from you.

About Scion

Scion Quality Guarantee

All Scion products come with a three year warranty and unprecedented technical support from a team of experienced engineers. With a strict quality control procedure and every attention to detail, you will feel comfortable and satisfied from the moment you contact our team right through to installation and operation.

Scion Technology

We provide the latest cutting edge technology for scaling, streaming, extending, distributing and controlling high definition audio visual products. These technologies include HDBaseT, SDVoE, ITE and many more. Our most recent introduction is HDMI over IP, utilising SDVoE technology and providing 18G real time high definition video and audio over industry standard network switches.

Scion Platform

With over 35 years experience in the audio visual industry, the companies managing director understands the needs of industry traders, installers and end users alike. Scion is a family business and understands that off the shelf standard products are not always suitable for every installation and therefore pride ourselves on our ability to produce at speed, new innovative products or modify exciting products to suite your project.

Scion Service

Located in the central south of the United Kingdom we provide and service UK traders and installers from our head office and partner professional organisations throughout Europe, Middle East and Africa.

Scion is positioned as an OEM/ODM manufacturer providing excellent before and after sales support.



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HDMI Extenders

SC01.7060

70M HDMI Extender with IR, 4K



Main Features

Distance: 70m over CAT5e/6/7

HDMI 2.0, HDCP 2.2

Resolution: 4K/60Hz 4:4:4, HDR

18Gbps Zero latency (uncompressed)

LPCM, Dolby Digital™, DTS Digital Surround

IR return path for source control

Transmitter has looped HDMI output

PoC, Power only one end (Tx or Rx)

Product Code	Description
SC01.7060	Transmitter & Receiver

SC01.7060A

90M HDMI Extender with IR, 4K, Audio Extraction



Main Features

Distance: 90m over CAT5e/6/7

HDMI 2.0, HDCP 2.2

Resolution: 4K/60Hz 4:4:4, HDR

18Gbps Zero latency (uncompressed)

IR return path for source control

LPCM, Dolby Digital™, DTS Digital Surround Sound™

Transmitter has looped HDMI output for local screen

PoC, Power only one end (Tx or Rx)

Analogue and Digital audio extraction

Product Code	Description
SC01.7060A	Transmitter & Receiver

HDMI Extenders

SC05.8070

70m HDBaseT 2.0 Extender with ARC



Main Features

HDMI 2.0b, HDCP 2.2 compliant

Up to 4K/60Hz with 24bit RGB/YCBR 4:4:4

18Gbps Zero latency (uncompressed)

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

Up to 70m using CAT6/6A cable

Supports ARC to transmitter

Two way IR and Full Duplex RS232

Receiver supports audio Extraction

Power over Cable (POC), Either TX or RX

Product Code	Description
SC05.8070	Transmitter & Receiver

SC05.8070U

70m HDBaseT 2.0 Extender with USB



Main Features

HDMI 2.0b, HDCP 2.2 compliant

Up to 4K/60Hz with 24bit RGB/YCBR 4:4:4

18Gbps Zero latency (uncompressed)

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

Up to 70m using CAT6/6A cable

USB 2.0

Two way IR and Full Duplex RS232

Receiver supports audio Extraction

Power over Cable (POC), Either TX or RX

Product Code	Description
SC05.8070U	Transmitter & Receiver

HDMI Extenders

SC05.8100

100m HDBaseT 2.0 Extender with ARC & LAN

Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBr 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

Up to 100m using CAT6/6A cable

Supports ARC and LAN

Two way IR and Full Duplex RS232

Receiver supports audio Extraction

Power over Cable (POC), Either TX or RX



Product Code	Description
SC05.8100	Transmitter & Receiver

SC05.8100U

100m HDBaseT 2.0 Extender with USB & ARC

Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBr 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

Up to 100m using CAT6/6A cable

Supports USB 2.0, ARC and LAN

Two way IR and Full Duplex RS232

Receiver supports audio Extraction

Power over Cable (POC), Either TX or RX



Product Code	Description
SC05.8100U	Transmitter & Receiver

HDMI Extenders

SC05.8100VS

100m HDBaseT 3.0 Extender with eARC

Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBR 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

Up to 100m using CAT6/6A cable

Supports ARC/eARC/SPDIF from TX to RX

Supports 1G LAN, 2 way IR, Full Duplex RS232 & USB

Receiver supports audio Extraction

Power over Cable (POC), Either TX or RX



Product Code	Description
SC05.8100VS	Transmitter & Receiver

SC05.7150

150m HDBaseT 2.0 Extender with IR & RS232

Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBR 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

Up to 150m using CAT5e/6

Looped HDMI output on transmitter

Full Duplex RS232

Receiver supports audio Extraction

Power over Cable (PoC)



Product Code	Description
SC05.7150	Transmitter & Receiver

HDMI Extenders

SC05.9000F

Fibre Extender with Audio Breakout

Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBR 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

Transmission distance 10,000 meters, single mode fibre

Looped HDMI output on transmitter

Full Duplex RS232

Receiver supports audio Extraction

Fibre modules included



Product Code	Description
SC05.9000F	Transmitter & Receiver + Fibre Modules

HDMI Splitters

SC02.2020

1 in 2 out HDMI Splitter



Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBR 4:4:4

Vesa format QSXGA/60Hz

HDR, HDR10, HDR10+ and Dolby Vision pass through

LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

Product Code	Description
SC02.2020	1:2 HDMI Splitter

SC02.2020A

1 in 2 out HDMI Splitter with Audio Breakout



Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBR 4:4:4

Downscaling from 4K to 1080P

Digital and Analogue Audio Breakout

HDR, HDR10, HDR10+ and Dolby Vision pass through

LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

Product Code	Description
SC02.2020	1:2 HDMI Splitter with Audio Breakout

HDMI Splitters

SC02.2040

1 in 4 out HDMI Splitter

Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBR 4:4:4

Vesa format QSXGA/60Hz

HDR, HDR10, HDR10+ and Dolby Vision pass through

LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio



Product Code	Description
SC02.2040	1:4 HDMI Splitter

SC02.2040A

1 in 4 out HDMI Splitter with Audio Breakout

Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBR 4:4:4

Downscaling from 4K to 1080P

Digital and Analogue Audio Breakout

HDR, HDR10, HDR10+ and Dolby Vision pass through

LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio



Product Code	Description
SC02.2040A	1:4 HDMI Splitter with Audio Breakout

HDMI Splitters

SC02.6040

1 in 4 out HDMI Splitter over CAT6



Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBr 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

HDMI Looped output

Analogue and digital audio breakout

Return IR for source control

Transmission distance is 4K/30m and 1080p/60m

Power over cable (POC)

Product Code	Description
SC02.6040	1:4 HDMI Splitter over CAT6

SC02.5080

1 in 8 out HDMI Splitter over CAT6



Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBr 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

HDMI Looped output

Analogue and digital audio breakout

Return IR for source control

Transmission distance is 4K/30m and 1080p/60m

Power over cable (POC)

Product Code	Description
SC02.5080	1:8 HDMI Splitter over CAT6

HDMI Splitters

SC06.4140

1 in 4 out HDMI (HDBaseT) Splitter over CAT6, 150m

Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBr 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

HDMI Looped output

Analogue and digital audio breakout

Two way IR and full duplex RS232

Transmission distance is 4K/120m and 1080p/150m

Power over cable (POC)



Product Code	Description
SC06.4140	1:4 HDMI (HDBaseT) Splitter over CAT6 + RX's

SC06.4180

1 in 8 out HDMI (HDBaseT) Splitter over CAT6, 150m

Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBr 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through
LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio

HDMI Looped output

Analogue and digital audio breakout

Two way IR and full duplex RS232

Transmission distance is 4K/120m and 1080p/150m

Power over cable (POC)



Product Code	Description
SC06.4180	1:8 HDMI (HDBaseT) Splitter over CAT6 + RX's

HDMI Switches

SC03.1031

3 in 1 out HDMI Switch with Audio Breakout

Main Features

HDMI 2.0b, HDCP 2.2 compliant

18G, 4K/60Hz with 24bit RGB/YCBR 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through

Dolby True HD, Dolby Atmos and DTS-HD Master Audio

Control: Front panel buttons and IR remote



Product Code	Description
SC03.1031	3:1 HDMI Switch with Audio Breakout

SC03.1041

4 in 1 out HDMI Switch with Audio Breakout

Main Features

HDMI 2.0b, HDCP 2.2 compliant

Up to 4K/60Hz with 24bit RGB/YCBR 4:4:4

HDR, HDR10, HDR10+ and Dolby Vision pass through

LPCM 5.1CH, Dolby True HD and DTS-HD Master Audio

Supports ARC and CEC

Analogue and digital audio breakout

Inserts analogue or digital audio on to HDMI outputs

Control: Front panel buttons and IR remote



Product Code	Description
SC03.1041	4:1 HDMI Switch with Audio Breakout

HDMI Switches

SC03.1041A

4 in 1 out HDMI Switch with ARC/eARC

Main Features

HDMI 2.0b, HDCP 2.2 compliant.

Up to 4K/60Hz with 24bit RGB/YCBR 4:4:4.

HDR, HDR10, HDR10+ and Dolby Vision pass through.

Allows HD Audio up to Dolby Atmos over TrueHD from any eARC/ARC AVR and Soundbar.

Supports auto/manual switching on all inputs.

Enhanced EDID management.

Control: Front panel buttons and IR remote.



Product Code	Description
SC03.1041A	4:1 HDMI Switch with ARC/eARC

SC03.1401

4:1 Quad Multi-Viewer with Seamless Switching

Main Features

HDMI 1.3, HDCP 1.4 compliant

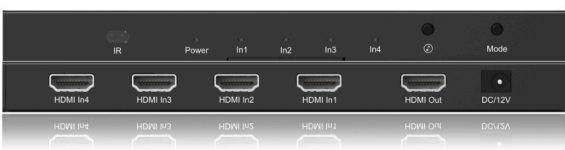
Resolution: 1080p/60Hz 4:4:4

12 Segment modes including full screen and quad split

Independent audio switching in split screen modes

Seamless switching between inputs

Control: Front panel buttons and IR remote



Product Code	Description
SC03.1401	4:1 HDMI Quad Multi-Viewer, Seamless Switching

HDMI Switches

SC03.4200

4:1 HDMI (HDBaseT) Switch

Main Features

Inputs: 2 x HDMI, 1 x Type-C, 1 x VGA

Outputs: 1 x HDMI and 1 x CAT6

HDMI 2.0b, HDCP 2.2 compliant

Up to 4K/60Hz with 24bit RGB/YCBr 4:4:4

CAT6 transmission distance: 4K/40m and 1080p/70m

Dolby True HD, Atmos and DTS-HD Master Audio

Analogue and digital audio breakout

Control: Front panel buttons, TCP/IP and IR remote



Product Code	Description
SC03.4200	4:1 HDMI (HDBaseT) Switch

SC03.2400

2x4 HDMI Video Wall Processor, 4K/60Hz

Main Features

HDMI 2.0b, HDCP 2.2 Compliant

Up to 4K/60Hz with 24bit RGB/YCBr 4:4:4

2x4/2x9 video wall with cascading up to 16x16 displays

Supports PIP within video wall

2 x inputs with 2 x independent looped outputs

Bezel correction and 180 degree rotation

RS232 cascading and TCP/IP control

ECE control display by PC GUI or Commands



Product Code	Description
SC03.2400	2x4 HDMI Video Wall Processor, 4K/60Hz

HDMI Switches

SC03.2900

2x9 HDMI Video Wall Processor, 4K/60Hz

Main Features

HDMI 2.0b, HDCP 2.2 Compliant

Up to 4K/60Hz with 24bit RGB/YCBCR 4:4:4

2x4/2x9 video wall with cascading up to 16x16 displays

Supports PIP within video wall

2 x inputs with 2 x independent looped outputs

Bezel correction and 180 degree rotation

RS232 cascading and TCP/IP control

ECE control display by PC GUI or Commands



Product Code	Description
SC03.2900	2x9 HDMI Video Wall Processor, 4K/60Hz

SC03.1601

16:1 HDMI Seamless Switcher with Multi-Viewer

Main Features

HDMI 1.3, HDCP 1.4 Compliant

Video Resolutions up to 1920 x 1200@60Hz

Video scaling up and down

Supports multiple resolution outputs

Supported audio: PCM/AC3/DTS

Control: Front panel buttons, RS232 and IR remote



Product Code	Description
SC03.1601	16:1 HDMI Seamless Switcher with Multi-Viewer

HDMI Matrix

SC04.MX22

2 x 2 HDMI Matrix Switcher



Main Features

Switches 2 x HDMI sources to 2 x HDMI displays
HDMI 2.0b, HDCP 2.2 / 1x, DVI 1.0 Compliant
18Gbps Bandwidth
Supports 4K/60Hz, RGB/YCbCr 4:4:4/YCbCr 4:2:2
Extracts Analogue PCM 2.0 and Digital Audio
LPCM 2.0/2.1CH, Dolby 5.1, Dolby True HD, Dolby DD+,
DTS
5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1
HDR
Control: Front Panel and Infra-Red

Product Code	Description
SC04.MX22	2 x 2 HDMI Matrix Switcher

SC04.MX42

4 x 2 HDMI Matrix Switcher



Main Features

Switches 4 x HDMI sources to 2 x HDMI displays
HDMI 2.0b, HDCP 2.2 / 1x
18Gbps Bandwidth
Supports 4K/60Hz, RGB/YCbCr 4:4:4/YCbCr 4:2:2
Extracts Analogue PCM 2.0 and Digital Audio
LPCM 2.0/2.1CH, Dolby 5.1, Dolby True HD, Dolby DD+,
DTS 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1
ARC
Down Scaling 4K → 1080p
HDR10+, HLG
Control: Front Panel and Infra-Red

Product Code	Description
SC04.MX42	4 x 2 HDMI Matrix Switcher

HDMI Matrix

SC04.MX44

4 x 4 HDMI Matrix Switch, 18G 4K/60Hz, HDR10



Main Features

Switches 4 x HDMI sources to 4 x HDMI displays

HDMI 2.0b, HDCP 2.2 / 1x

18Gbps Bandwidth

Supports 4K/60Hz, RGB/YCbCr 4:4:4/YCbCr 4:2:2

LPCM 7.1CH, Dolby True HD, DTS-HD Master Audio

Down Scaling 4K → 1080p

HDR10, HDR10+, Dolby Vision

Control: Front Panel and Infra-Red

Product Code	Description
SC04.MX44	4 x 4 HDMI Matrix Switcher

SC04.MX44+

4 x 4 HDMI Matrix Switch, 18G 4K/60Hz, HDR10



Main Features

Switches 4 x HDMI sources to 4 x HDMI displays

HDMI 2.0b, HDCP 2.2 / 1x

18Gbps Bandwidth

Supports 4K/60Hz, RGB/YCbCr 4:4:4/YCbCr 4:2:2

LPCM 7.1CH, Dolby True HD, DTS-HD Master Audio

Down Scaling 4K → 1080p

Extracts analogue and digital audio

ARC (audio return path)

HDR10, HDR10+, Dolby Vision

Control: Front Panel, Infra-Red, RS232 and TCP/IP

Product Code	Description
SC04.MX44+	4 x 4 HDMI Matrix Switcher with Audio Breakout

HDMI Matrix

SC04.MX88

8 x 8 HDMI Matrix Switch, 18G 4K/60Hz, HDR10

Main Features

Switches 8 x HDMI sources to 8 x HDMI displays
HDMI 2.0b, HDCP 2.2 / 1x
18Gbps Bandwidth
Supports 4K/60Hz, RGB/YCbCr 4:4:4/YCbCr 4:2:2
LPCM 7.1CH, Dolby True HD, DTS-HD Master Audio
Down Scaling 4K → 1080p
Extracts analogue and digital audio
ARC (audio return path)
HDR10, HDR10+, HLG, Dolby Vision
Control: Front Panel, Infra-Red, RS232 and TCP/IP



Product Code	Description
SC04.MX88	8 x 8 HDMI Matrix Switcher

SC04.MX16

16 x 16 HDMI Matrix Switch, 18G 4K/60Hz, HDR10

Main Features

Switches 16 x HDMI sources to 16 x HDMI displays
HDMI 2.0b, HDCP 2.2 / 1x
18Gbps Bandwidth
Supports 4K/60Hz, RGB/YCbCr 4:4:4/YCbCr 4:2:2
LPCM 7.1CH, Dolby True HD, DTS-HD Master Audio
Down Scaling 4K → 1080p
Extracts digital audio
ARC (audio return path)
HDR10, HDR10+, HLG, Dolby Vision
Control: Front Panel, Infra-Red, RS232 and TCP/IP



Product Code	Description
SC04.MX16	16 x 16 HDMI Matrix Switcher

HDMI Matrix - CATXX

SC40.MX44

4 x 4 HDMI Matrix Switch over CAT6, 150m
Includes 4 x Receivers

Main Features

4x HDMI inputs, 4x HDMI & HDBaseT mirrored outputs
HDMI 2.0b, HDCP 2.2 compliant
Up to 4K2K@60Hz with 24bit RGB/YCBCR 4:4:4
HDR, HDR10, HDR10+, Dolby Vision pass through
LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
Outputs can be downscaled individually 4K to 1080p
Each output has digital and analog audio breakout
Distance: 1080P up to 150m and 4K2K up to 120m
Infrared return for source control
24V POC on all HDBaseT ports
Control: Panel buttons, IR, RS-232, TCP/IP and Web GUI



Product Code	Description
SC40.MX44	4 x 4 HDMI Matrix Switcher over CAT6, 150m

SC40.MX88

8 x 8 HDMI Matrix over CAT6, 150m
Includes 8 x Receivers

Main Features

8 x HDMI inputs, 8 x HDMI & HDBaseT mirrored outputs
HDMI 2.0b, HDCP 2.2 compliant
Up to 4K2K@60Hz with 24bit RGB/YCBCR 4:4:4
HDR, HDR10, HDR10+, Dolby Vision pass through
LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
Outputs can be downscaled individually 4K to 1080p
Each output has digital and analog audio breakout
Distance: 1080P up to 150m and 4K2K up to 120m
Infrared return for source control
24V POC on all HDBaseT ports
Control: Panel buttons, IR, RS-232, TCP/IP and Web GUI



Product Code	Description
SC40.MX88	8 x 8 HDMI Matrix Switcher over CAT6, 150m

AV over IP

SC08.4100

AV over IP, 1080P/60Hz

Main Features

HDMI 1.4b, HDCP 1.4 compliant

Up to 1920x1200@60Hz with 24bit RGB 4:4:4

Uses H.264 encoding/decoding

Point-to-Point and Point-to-Multipoint

Transmitter has looped HDMI output

Compatible with standard Ethernet Gigabit Switches

Distance: 150m point to point over CAT5e/6

Routed IR return path for controlling source devices



Product Code	Description
SC08.4100-TX	Transmitter / Encoder
SC08.4100-RX	Receiver / Decoder

SC08.6000

Video over IP, 1080P/60Hz, PoE

Main Features

HDMI 1.4b, HDCP 1.4 compliant

Uses H.264 encoding/decoding

Point-to-Point, Point-to-Multipoint, Multipoint-to-Multipoint

Compatible with standard Ethernet Gigabit Switches

Transmitter has looped HDMI output

Distance: 120m Point-to-Point over CAT5e/6

Infra-Red input selection from receiver

Routed IR return path for controlling source devices

PoE (802.3af PD device)

Control: Front panel buttons, IR, Web Browser



Product Code	Description
SC08.6016	Transmitter / Encoder
SC08.6021	Receiver / Decoder

AV over IP

SC08.MX5300C

AV over IP with Video Wall Processing
(Compatible with SC08.MX200)

Main Features

- HDMI 1.4b, HDCP 1.4 compliant
- Up to 1080P/60Hz 4:4:4 and 1920x1200/60Hz
- Seamless switching, matrix and video wall
- Uses H.264 encoding and decoding
- Analogue audio embedding and de-embedding
- Supports RS232 full duplex
- H.264 video preview
- PoE (802.3af PD device)
- Control: Front panel button, TCP/IP, Web GUI
- Uses SC08.CTL100H Controller



Product Code	Description
SC08.MX5300C-TX	Transmitter / Encoder
SC08.MX5300C-RX	Receiver / Decoder
SC08.CTL100H	LAN Controller

SC08.MX5300M

AV over IP with Video Wall Processing, USB
(Compatible with SC08.MX600)

Main Features

- HDMI 1.4b, HDCP 1.4 compliant
- Up to 1080P/60Hz 4:4:4 and 1920x1200/60Hz
- Seamless switching, matrix and video wall
- Uses H.264 encoding and decoding
- Analogue audio embedding and de-embedding
- Supports IR, USB and RS232 full duplex
- H.264 video preview
- PoE (802.3af PD device)
- Control: Front panel button, TCP/IP, Web GUI
- Uses SC08.CTL100H Controller



Product Code	Description
SC08.MX5300M-TX	Transmitter / Encoder
SC08.MX5300M-RX	Receiver / Decoder
SC08.CTL100H	LAN Controller

AV over IP

SC08.MX9300M

AV over IP with Video Wall and Multi Screen Transceiver

Main Features

- HDMI 2.0b, HDCP 2.2 compliant
- 18G, 4K/60Hz 4:4:4, HDR10, HLG Pass-Through
- Seamless switching, matrix, video wall & multi-screen
- Uses H.265 with ultra low latency
- Analogue audio embedding and de-embedding
- Supports USB, RS232 full duplex
- HDMI Looped output and H.264 video preview
- PoE (802.3af PD device)
- Control: RS232, TCP/IP, Web GUI, Android APP
- Uses SC08.CTL500H Controller



Product Code	Description
SC08.MX9300M	Transceiver
SC08.CTL500H	LAN Controller

SC08.MX650

AV over IP with Video Wall Processing, 4K

Main Features

- HDMI 2.0b, HDCP 2.2 compliant
- Maximum Resolution 4K/30Hz
- Unicast, Multicast, matrix and video wall
- Uses JPEG2000 encoding and decoding
- Analogue audio embedding and de-embedding
- Supports IR, USB KVM, RS232 full duplex
- H.264 video preview
- PoE (802.3af PD device)
- Control: TCP/IP, Web GUI & API
- Uses SC08.CTL100A Controller



Product Code	Description
SC08.MX650-TX	Transmitter / Encoder
SC08.MX650-RX	Receiver / Decoder
SC08.CTL100A	LAN Controller

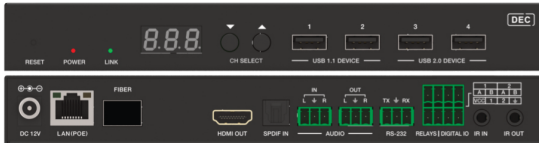
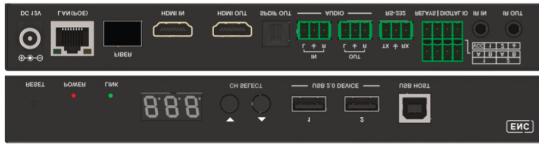
AV over IP

SC08.MX1000

AV over IP with Video Wall Processing, 4K

Main Features

- HDMI 2.0b, HDCP 2.2 compliant
- Maximum Resolution 4K/60Hz
- Unicast, Multicast, matrix and video wall
- Uses JPEG2000 encoding and decoding
- Analogue audio embedding and de-embedding
- Supports IR, USB KVM, RS232 full duplex
- H.264 video preview
- PoE (802.3af PD device)
- Control: Front panel button, TCP/IP, Web GUI
- Uses SC08.CTL100AL Controller



Product Code	Description
SC08.MX1000-TX	Transmitter / Encoder
SC08.MX1000-RX	Receiver / Decoder
SC08.CTL100AL	LAN Controller

SC08.MX3000

AV over IP Transceiver (SDVoE), with Video Wall and Multi screen

Main Features

- Blue River AVP2000 Transceiver
- HDMI 2.0b, HDCP 2.2, 4K2K@60Hz (4:4:4) 18Gbps
- HDR10, Dolby Vision, HLG
- Zero-Frame latency and seamless switching
- Video wall up to 9x9, multi-view up to 25 windows
- USB 2.0 KVM (ATK), two-way IR and RS-232
- HDMI Loop out
- H.264 stream for video preview on portable devices
- Support IR, RS-232, TCP/IP, Web GUI control
- Standard POE supported (802.3at PD device)
- Uses SC08.CTL100D Controller



Product Code	Description
SC08.MX3000	Transceiver
SC08.CTL100D	LAN Controller

AV over IP

SC08.CTL100A/AL/H

AV over IP LAN Controller

Main Features

MIPS 580MHz CPU, Linux OS

Web GUI for easily system setup and management

Intuitive 'drag & drop' source selection with video preview

Advanced signal management for AV, IR, RS-232 and

USB routing

2 x LAN ports to bridge existing LAN to video LAN

Control devices with IO with 5V, 12V level configurable

Easy to integrate with 3rd party control systems

Control API via IR, RS-232 and TCP/IP

POE (802.3af PD device) or local 12V power supply



Product Code	Description
SC08.CTL100A	LAN Controller for JPEG2000 Gen1 IP
SC08.CTL100AL	LAN Controller for JPEG2000 Gen2 IP
SC08.CTL100D	LAN Controller for H.26x 1080P/60 IP
SC08.CTL100H	LAN Controller for H.26x 4K/60 IP
SC08.CTL500H	LAN Controller for SDVoE IP

IPTV

SC90.1104

4-Channel IPTV Encoder, 1080P/60Hz



Main Features

4-Channel HDMI to IP Encoder

Stack multiple units to create more channels

Uses H.264 encoding with embedded Hi-Linux System Technology

Supports resolutions up to 1080P/60Hz

Web Browser interface for easy setup

Create and edit program channel lists

User friendly infrared remote with TV learning buttons

Product Code	Description
SC90.1104	4-Channel IPTV encoder, 1080P/60Hz

SC90.1116

16-Channel IPTV Encoder, 4K/60Hz



Main Features

16-Channel HDMI to IP Encoder

Stack multiple units to create more channels

Uses H.265 encoding with embedded Hi-Linux System Technology

Supports resolutions up to 4K/60Hz

Web Browser interface for easy setup

Create and edit program channel lists

User friendly infrared remote with TV learning buttons

Product Code	Description
SC90.1116	16-Channel IPTV encoder, 4K/60Hz

IPTV

SC90.1000

16-Channel IPTV Encoder, 1080P/60Hz



Main Features

4-Channel HDMI to IP Encoder

Stack multiple units to create more channels

Uses H.264 encoding with embedded Hi-Linux System Technology

Supports resolutions up to 1080P/60Hz

Web Browser interface for easy setup

Create and edit program channel lists

User friendly infrared remote with TV learning buttons

Product Code	Description
SC90.1000	16-Channel IPTV encoder, 1080P/60Hz

SC50.1000

IPTV System for Commercial & Hospitality

Main Features

Bespoke IPTV Gateway Server

Middleware and Administration Software

Customisable Portal: change icons, logos, text and more

EPG. Electronic program guide

CAM Support (DVB CI)

Individual Software Modules: In house channel, local information, hotel amenities, films, games, weather, checkout and more...

Easy to use infrared remote with TV learning buttons



Product Code	Description
SC50.1000	IPTV System for commercial & hospitality