

16 x 16 HDMI Matrix over CAT5 (HDBaseT)



Product Code	Description
SC07.0616	16x16 HDMI Matrix over CAT5 - 70m - (HDBaseT)
SC07.1616	16x16 HDMI Matrix over CAT5 - 100m - (HDBaseT)
SC07.7010	70m Receiver
SC07.7010P	70m Receiver with PoE
SC07.7015	100m Receiver
SC07.7015P	100m Receiver with PoE
SC07.7020	70m Receiver - Faceplate (Double Gang)
SC07.7020P	70m Receiver - Faceplate (Double Gang) PoE
SC07.7050	100m Receiver - Faceplate (Double Gang)
SC07.7050P	100m Receiver - Faceplate (Double Gang) PoE

Key Features

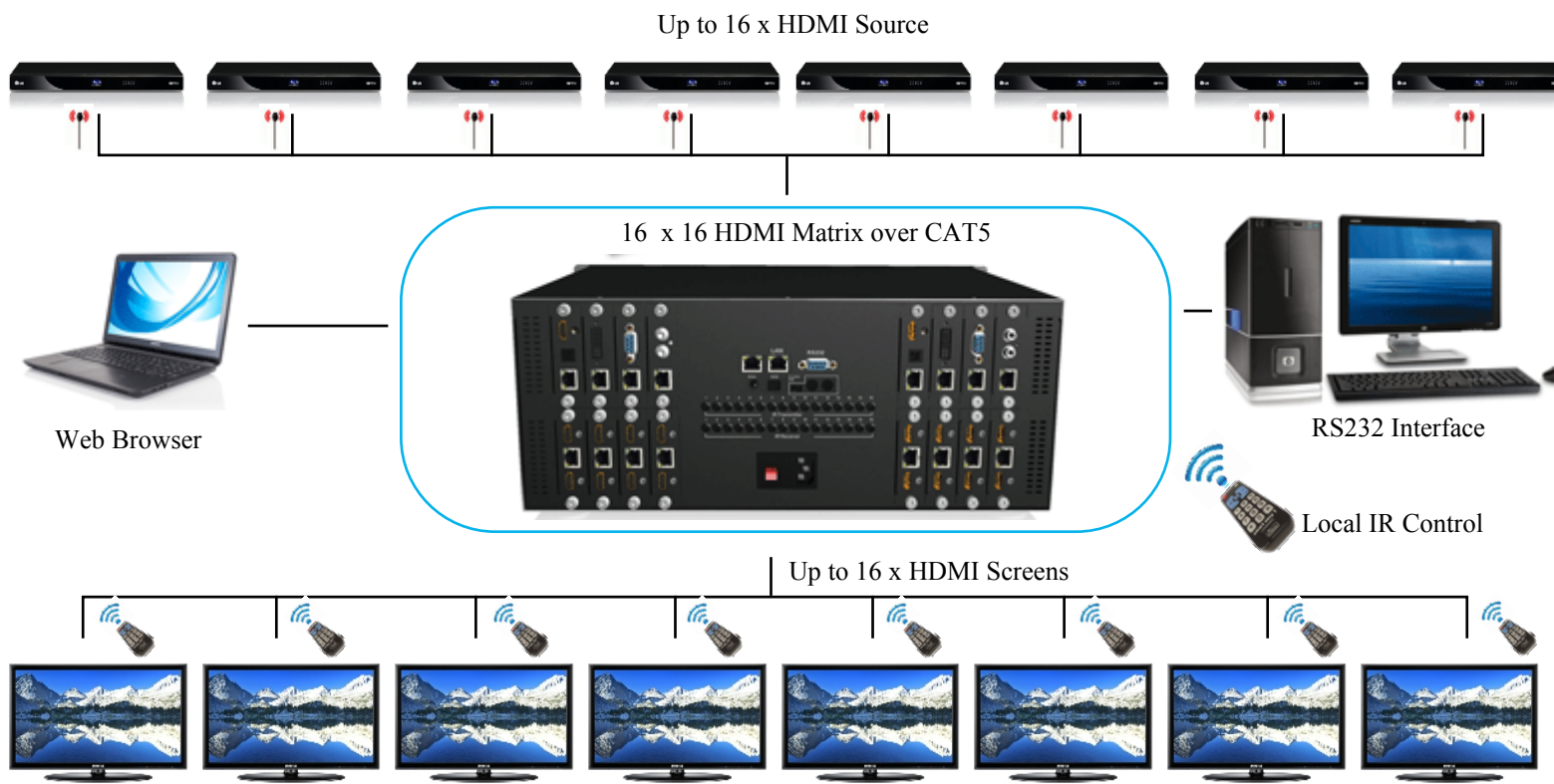
- True 16 x 16 Matrix (any input to any output)
- Supports resolutions up to 3840 x 2160 @ 30Hz
- EDID V2.0 / HDCP V1.3 / HDMI V1.4a
- PoE Options for 70m and 100m
- Routed Bi-Directional IR and RS232
- Control knob, IR, RS232 and Web Browser
- Hot swappable modules for easy support

Description

The Scion 16 x 16 HDMI to HDBaseT™ matrix distributes sixteen high definition AV sources to sixteen screens up to 100m over CAT5e/6 cable. The matrix uses HDBaseT™ technology providing a robust and versatile solution for any professional AV installation. A choice of receivers are available for behind screen mounting or faceplates, both with options for 70m, 100m and PoE.

It supports resolutions up to 3840 x 2160 @ 30Hz and incorporates individual port EDID for enhanced communication. Routed and B-Directional Infra-Red and RS232 are available for all ports allowing for both screen control and source control. Ethernet 10/100 is available on the 100m receiver options for easy Internet access using the same CAT5e/6 cable.

The unit has several control methods for all types of system installations including RS232, Web Browser, IR and front panel control knob.



Specifications

SC07.0616/1616 - 16 x 16 HDMI Matrix over CAT5 (HDBaseT)

Specifications	
Operating Temperature	-5 to 35°C
Operating Humidity	5 to 90%RH with no condensation
Input video signal	16 x HDMI Type-A socket via hot swappable cards
Input DDC Signal	5 volts p-p (TTL)
Bandwidth	10.2 Gbps
Supported Video Resolutions	Up to 3840 x 2160
HDBaseT Output	16 x RJ45 Socket, 16 x HDMI Type-A socket (mirrored)
Video Colour Format	Deep Colour 36bit
Digital Audio	LPCM Dolby 5.1, Dolby 7.1, DTS 5.1, DTS HD
Infra Red Inputs and Outputs	16 x IR Inputs and 16 x IR Outputs (16 x 3.5mm jack sockets)
Ethernet	10/100 RJ45 Socket
RS232	9-Way D socket
Power Consumption	50 Watts (max)
Dimensions	440 x 380 x 177
Net Weight	6Kg

SC07.7000 - Receiver 70m

Specifications	
Operating Temperature	-5 to 35°C
Operating Humidity	5 to 90%RH with no condensation
Input Signal	HDBaseT - RJ45 socket
Output Signal	HDMI Type-A socket
Supported Video Resolutions	Up to 3840 x 2160 at 70m
Digital Audio	LPCM Dolby 5.1, Dolby 7.1, DTS 5.1, DTS HD
Infra-Red in/out	2 x 3.5mm jack sockets
Power Consumption	1.25 Watts (max)
Dimensions (LxWxH)	115 x 70 x 35
Net Weight	125g

SC07.7000 - Receiver 100m

Specifications	
Operating Temperature	-5 to 35°C
Operating Humidity	5 to 90%RH with no condensation
Input Signal	HDBaseT - RJ45 socket
Output Signal	HDMI Type-A socket
Supported Video Resolutions	Up to 3840 x 2160 at 100m
Digital Audio	LPCM Dolby 5.1, Dolby 7.1, DTS 5.1, DTS HD
Infra-Red in/out	2 x 3.5mm jack sockets
Ethernet	2 x 10/100 BaseT RJ45
Power Consumption	1.25 Watts (max)
Dimensions (LxWxH)	115 x 70 x 35
Net Weight	125g