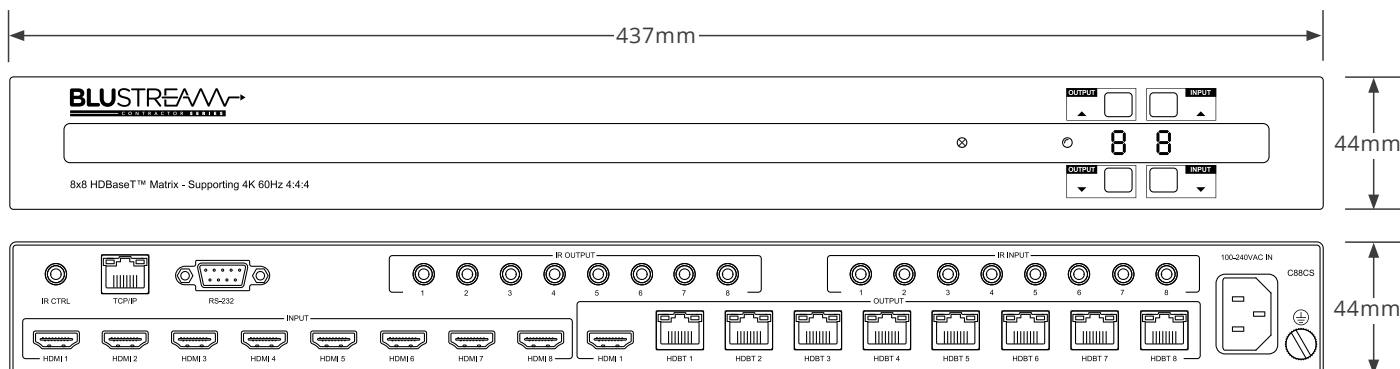


Contractor 8x8 HDBaseT™ CSC Matrix

Description

Our Contractor 8x8 HDBaseT™ Matrix offers unprecedented performance and value for the custom installation market. The C88CS is a HDMI 2.0 4K 60Hz 4:4:4 HDCP 2.2 Matrix utilising CSC technology to deliver HDMI, Bi-directional IR and PoC up to lengths of 70m over a single CAT cable.

The Matrix also provides advanced features including simultaneous HDBaseT™/HDMI on output 1, video down conversion on HDBaseT™ outputs and a web browser interface module for control and configuration of the matrix.

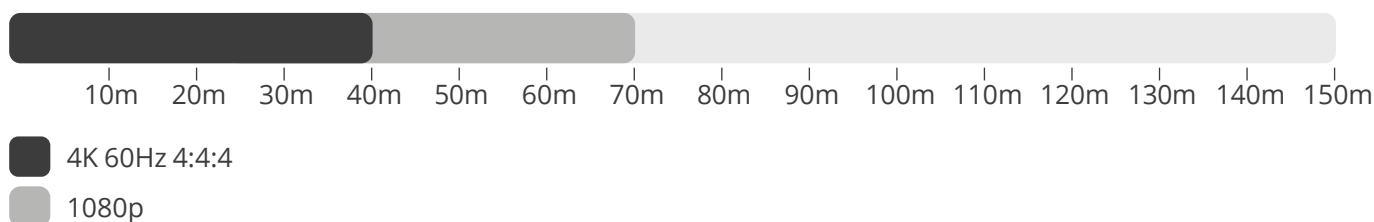


Key Features

- Advanced HDBaseT™ technology offering distribution of video and audio over a single CAT cable
- Advanced Colour Space Conversion (CSC) supports HDMI 2.0 18Gbps specification including HDR*
- Features 8 x HDMI inputs which can be independently routed to 8 x HDBaseT™ outputs
- Output 1 features simultaneous HDMI and HDBaseT™ output
- Video down-conversion on HDBaseT™ outputs allowing a display only capable of supporting lower video resolutions (4K 60Hz 4:2:0 or 1080p) to receive 4K 60Hz 4:4:4 video content while still showing maximum original 4K UHD resolution on remaining video outputs
- Supports 4K 60Hz 4:4:4 UHD video up to 40m
- Extends HDMI 1080p video up to 70m
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- Supports bitstream passthrough of multichannel surround sound including object-based audio formats in line with HDMI specifications.
- Web interface module for control and configuration of matrix
- Supports bi-directional IR on all HDBaseT™ outputs
- Control via front panel, IR, RS-232 and TCP/IP
- Supports PoC (Power over Cable) to power compatible HDBaseT™ receivers
- Supplied with Blustream IR receivers and emitters
- 3rd Party drivers available for major control brands
- 1U Design for 19" rack mount integration - mounting kit included
- Advanced EDID management
- HDCP 2.2 compliant

**For CSC support use RX70CS receivers*

Transmission Distance via Cat6





Connectivity

- **Video Input Connectors:** 8 x HDMI Type A, 19-pin, female
- **Video Output Connectors:** 1 x HDMI Type A, 19-pin, female, 8 x HDBaseT™ RJ45 connectors
- **RS-232 Serial Port:** 1 x DB9 Serial connector
- **TCP/IP Control:** 1 x RJ45, female
- **IR Input Ports:** 9 x 3.5mm stereo jack
- **IR Output Ports:** 8 x 3.5mm mono jack

Specifications

- **Rack Mountable:** 1U rack height, rack ears included
- **Casing Dimensions (W x H x D):** 437mm x 44mm x 377mm (without feet & connections)
- **Dimensions (W x H x D):** 437mm x 53mm x 384mm (with feet & connections)
- **Shipping Weight:** 6.25kg
- **Operating Temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage Temperature:** -4°F to 140°F (-20°C to 60°C)
- **Power Supply:** Internal 100-240V AC

Included Accessories

IR Accessories	9 x IRR, 8 x IRE, 1 x IR-CAB
IR Remote	1 x REM88
Rack Mount	2 x 19" Wings
Power Supply	IEC Power Cable(s)

Control

TCP/IP
RS-232
App / Web GUI
IR
Front Panel

RS-232 Connectivity

Baud Rate:	57600 bps
Data Bit:	8-bit
Parity:	None
Stop Bit:	1-bit
Flow Control:	None

Regulatory Compliance



CAN ICES-3 (B)/NMB-3(B)

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