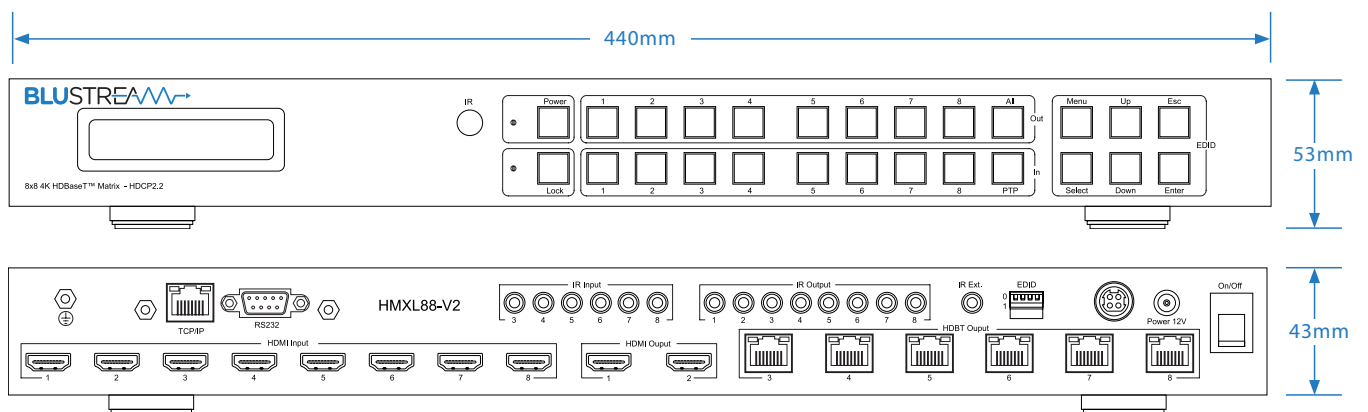


8x8 HDBaseT™ Matrix

Description

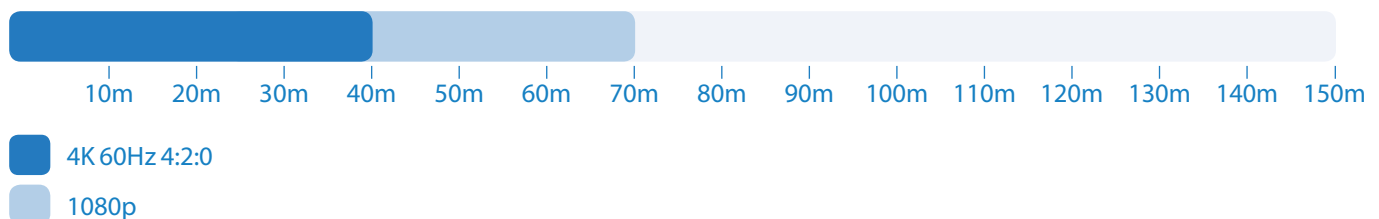
Our Essential 8x8 HDBaseT™ Matrix offers unprecedented performance and value for the custom installation market. The HMXL88 is a 4K HDCP 2.2 8x8 matrix with a combination of 6 x HDBaseT™ and 2 x HDMI Outputs. This allows for cost effective integration of local displays and AV receivers within an installation. The matrix delivers HDMI, Bi-directional IR and PoH (PoE) up to lengths of 70m over a single CAT cable. The matrix features a web interface module for control and configuration and can also be seamlessly controlled by 3rd party control systems via RS-232 or IP.



Key Features

- Advanced HDBaseT™ technology offering uncompressed video and audio with zero latency
- Features 8 x HDMI inputs which can be independently routed to 8 outputs (6 x HDBaseT + 2x HDMI)
- Extends HDMI up to a distance of 70m over single CAT cable
- Supports 4K UHD video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- Supports 3D signal display
- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio transmission
- Web interface module for control and configuration of Matrix (instructions available in Drivers & Protocols section)
- Bi-directional IR from all input and output locations
- Control via front panel, IR, RS-232 and TCP/IP
- Supports PoH (Power over HDBaseT) to power compatible HDBaseT receivers
- 3rd Party drivers available for all major home control brands
- Advanced EDID management
- HDCP 2.2 compliant
- 1U Design for 19" rack mount integration - rack mounting kit included

Transmission Distance via Cat6





Connectivity

- **Video Input Connectors:** 8 x HDMI Type A, 19-pin, female, locking
- **Video Output Connectors:** 6 x HDBaseT RJ45 connector, 2 x HDMI Type A, 19-pin, female, locking
- **RS-232 serial ports:** DB-9, female
- **TCP/IP Control:** RJ45, female
- **IR Input ports:** 9 x 3.5mm stereo jack
- **IR Output ports:** 8 x 3.5mm mono jack

Specifications

- **Dimensions (W x D x H):** 440mm x 300mm x 43mm
- **Shipping Weight:** 2.7kg
- **Operating Temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage Temperature:** -4°F to 140°F (-20°C to 60°C)
- **Rack-Mountable:** 2U rack height, rack ears included

Included Accessories

IR Accessories	5 x IRR, 4 x IRE, 4 x IR-CAB
IR Remote	1 x REM88
Rack Mount	2 x 19" Wings
Power Supply	12V/5A DC (main) & 24V/6.25A DC (POH)

Control

TCP/IP
RS-232
iOS/Android app
IR
Front Panel

RS-232 Connectivity

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

Compatible Receivers

HEX70B-RX
HEX70ED-RX
HEX100ARC-RX-V2
HEX100HDTVGA-RX
RX70AMP

Regulatory Compliance



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

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