# C66

BLUSTREAM

Contractor 6x6 HDBaseT™ Matrix

Description

Our Contractor 6x6 HDBaseT™ Matrix offers unprecedented performance and value for the custom installation market.
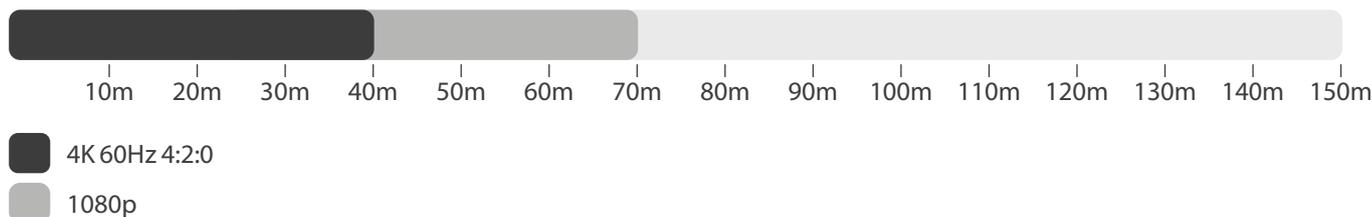
The C66 is a 4K HDCP 2.2 Matrix delivering HDMI, bi-directional IR, and PoC (Power over Cable) up to lengths of 70m over a single CAT cable. The Matrix also provides advanced features including simultaneous HDBaseT™ / HDMI on output 1 and a web browser interface module for control and configuration of the Matrix.
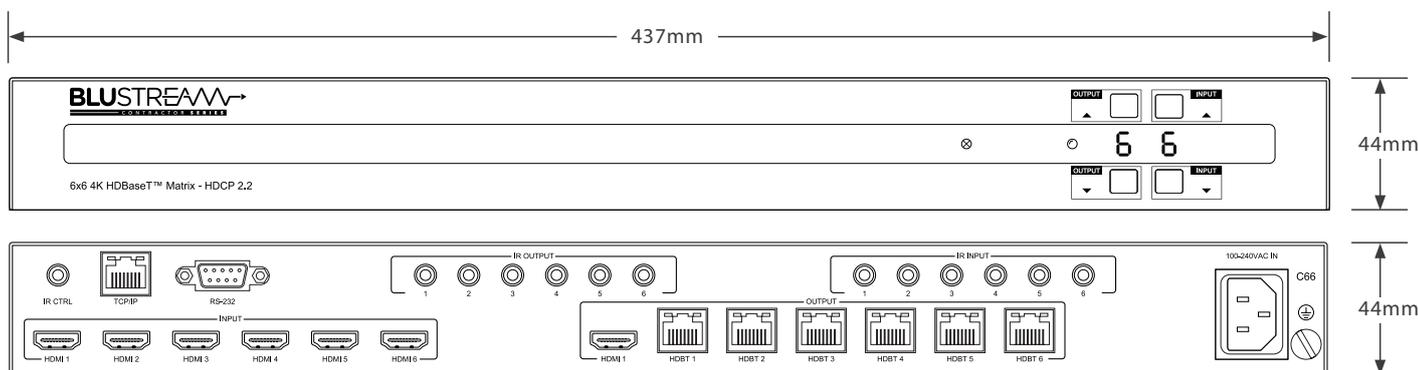
Key Features

- Advanced HDBaseT™ technology offering uncompressed video and audio with zero latency
- Features 6 x HDMI inputs which can be independently routed to 6 x HDBaseT™ outputs
- Output 1 features simultaneous HDMI and HDBaseT™ output
- 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 the Matrix
- Supports bi-directional IR on all HDBaseT™ outputs
- Supplied with Blustream IR Receivers and Emitters
- Control via front panel, IR, RS-232 and TCP/IP
- Supports PoC (Power over Cable) to power compatible HDBaseT™ Receivers
- 3rd party drivers available for major control brands
- Advanced EDID management
- HDCP 2.2 compliant

Transmission Distance via Cat6

- 4K 60Hz 4:2:0
- 1080p

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6x6 4K HDBaseT™ Matrix - HDCP 2.2

Connectivity

- **Video Input Connectors:** 6 x HDMI Type A, 19-pin, female
- **Video Output Connectors:** 1 x HDMI Type A, 19-pin, female, 6 x HDBaseT™ RJ45 connectors
- **RS-232 Serial Port:** 1 x DB-9, female (DB9 serial to Phoenix connector cables supplied)
- **IR Input Ports:** 7 x 3.5mm stereo jack
- **IR Output Ports:** 6 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:** 5.0kg
- **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	7 x IRR, 6 x IRE, 1 x IR-CAB
IR Remote	1 x REM66
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

FC   CE   RoHS Compliant   CAN ICES-3 (B)/NMB-3(B)
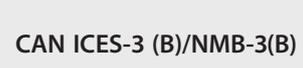
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HDMI   HDBT   DOLBY   dts