

UHDDBT[®] SUPPORTING
4K HDR



PRISLISTA

Giltig från 1 juli, 2018



FOUNDED IN MELBOURNE, AUSTRALIA.

Blustream is the audio visual industry's award winning option for advanced HDMI distribution. Our products have been designed and engineered by a global team of AV specialists with over 30 years experience. Research highlighted the market need for an AV distribution brand that could deliver both industry leading performance and most importantly reliability. This has resulted in us developing a range of HDBaseT™, Video over IP and HDMI solutions that deliver seamless AV integration within any installation environment. As an official HDBaseT™ adopter and alliance member, Blustream is firmly positioned at the forefront of this advanced technology. Through integration of the latest pioneering chipsets our engineers have developed the world's most innovative range of AV distribution products.

Why Blustream?

- ➔ All products support 4K UHD resolutions
- ➔ All extenders offer bi-directional PoH / PoE
- ➔ Key player in the rapidly evolving Video over IP platform
- ➔ Web GUI access and App control for all matrix / IP systems
- ➔ Integration with all major third party control systems
- ➔ Next-day Europe wide delivery
- ➔ 2 year manufacturer warranty
- ➔ Pioneering new 4K 4:4:4 and HDR solutions
- ➔ Integration of ARC functionality via HDBaseT™ HDMI and Optical
- ➔ Audio breakout integrated into the majority of products
- ➔ Advanced EDID management and IP / RS-232 integration
- ➔ Industry leading training and technical support services
- ➔ Extensive road map for new product development
- ➔ Over £1M of inventory in Europe

UNDERSTANDING THE Technology



HDBaseT™ transmits converged uncompressed full HD digital video, audio, 100 BaseT Ethernet, Power-over-Ethernet (PoE or PoH) and various control signals through a single Cat5e/6/7 cable over distances of up to 100 metres.



Video over IP - distribute resolutions up to 4K HDR over an IP infrastructure with visually lossless reproduction, minimal latency, fully flexible I/O structure, and virtually limitless cabling distances.



Colour Space Conversion reduces the data rate of the HDMI signal by converting the colour space from 4:4:4 or 4:2:2 to a lower format. The signal is then re-built at the receiver to add back in the adjusted information at the point of transmission.



A 4K screen has four times the number of pixels than your current Full HD 1080p display so the clarity of the image is much more superior and detailed.



HDCP2.2 is the next generation of copy protection required to allow the playback of the latest 4K source media.



4K60 4:4:4 is one of the most complex 4K HDMI signals that can be sent using HDMI2.0. This represents 17.8Gbps of data transfer, close to the 18Gbps limit of HDMI2.0. Where you see this tile, you can be sure the equipment will handle the signals being sent from your 4K source devices.



Blustream extenders and matrices feature PoH. This feature allows you to power the remote HDBaseT™ receiver/s via the CAT cable, removing the need for a power supply.



HDR (or High Dynamic Range) expands the ability of a display to show a wider and richer range of colours, much brighter whites, and much darker blacks.



HDMI carries both video and audio to our screens. You can extract the audio element of the HDMI signal to feed into your home stereo / audio system for a better quality sound experience.



HD audio is featured on many sources in formats such as Dolby Digital and DTS. Blustream products are compatible with the latest HD audio resolutions.



Audio Return Channel (ARC) works by transmitting the audio signal the opposite way down a HDMI cable, connecting your display directly to an amplifier for better sound reproduction.



Extended Display Identification Data. When a source is connected to a screen a digital 'handshake' happens. This handshake ensures that your screen displays your media with the best possible video and audio quality available.



PICTURE IN PICTURE

Picture in Picture allows for a secondary source to be overlayed onto a primary video feed enabling the user to watch simultaneous feeds on one screen.



A combination of multiple screens can be made into an array for the viewing of one large media image across multiple screens.



Pre-amp line level volume control allows for the volume of an audio output to be altered using third party control systems or the Web GUI for the associated product.



The new Blustream V2 products feature a Graphical User Interface via an in-built web-server. This feature allows users to set-up and control their matrix from a mobile device or computer connected to the same network.



- ➔ No need for knowledge of networks or creating VLAN's
- ➔ Easy integration with all 3rd party control systems
- ➔ Virtually latency free (1 frame) delivering flawless image quality
- ➔ IR control and IR pass-through for control of the Multicast system
- ➔ Product supports 4K UHD input up to lengths of 100m
- ➔ Built-in video scaler in the receiver for integration of legacy screens



HDMI Over IP		inkl.moms	exkl.moms
IP100UHD-TX	IP Multicast UHD Video Transmitter over 1GB Network - up to 100m, bi-directional IR & RS-232, PoE, and analogue line-level input	8 625 sek	6 900 sek
IP100UHD-RX	IP Multicast UHD Video Receiver over 1GB Network - up to 100m, built-in video scaler, video-wall mode, bi-directional IR & RS-232, PoE, and analogue audio breakout	9 500 sek	7 600 sek
CM100	IP Multicast Control module for TCP/IP, RS-232 and IR control of Blustream Multicast systems by 3rd party control systems	3 000 sek	2 600 sek
IP-BRIDGE 	Demopad IP Multicast Control module for TCP/IP control of Blustream Multicast systems (features Drag and Drop TV)	5 125 sek	4 100 sek
NEW RSU-2RU	Our RSU-2RU Multicast rack mount solution has been designed to compliment our range of Blustream Multicast products. The shelf is designed to mount 4x Transmitter or Receiver units and comes with all necessary mounting hardware.	1 375 sek	1 100 sek
RSU-6RU	Universal 19" 6U Rack shelf unit with eight sliding vertical shelves. Designed to seamlessly integrate Blustream transmitters into a 19" rack configuration	TBA	TBA

New for 2018 - Advanced Integration Software - AI2.0*

- ➔ Auto system configuration
- ➔ System status monitoring
- ➔ Independent 2-way IR and RS-232 Routing
- ➔ Multicast Control-Deck for end users
- ➔ Independent Audio Routing
- ➔ Intuitive Drag and Drop TV control
- ➔ Advanced video wall configuration and customisation
- ➔ Password protection

*Available July 2018

CSC HDBaseT™ Matrix Products

4K 60Hz, 4:4:4 - 18Gbps



Configure Your Custom Pro CSC HDBaseT™ Matrix - New for 2018			inkl.moms	exkl.moms
CUSTOMPRO-HUB	Custom Pro Matrix Hub featuring 8x modular bays, line level audio inputs, PoH (PoE), HDCP2.2, and Web GUI / App		19 000 sek	15 200 sek
Input Boards				
NEW	PRO-IN2H2V	4-Way HDMI 2.0 & VGA Input board (2 x HDMI / 2 x VGA inputs)	3 375 sek	2 700 sek
NEW	PRO-IN2HAB	2-Way HDMI 2.0 Input board (Includes 2 x Audio Breakout)	2 500 sek	2 000 sek
NEW	PRO-IN4HAB	4-Way HDMI 2.0 Input board (Includes 4 x Audio Breakout)	5 000 sek	4 000 sek
Output Boards				
NEW	PRO-OUT2H-V2	2-Way HDMI 2.0 Output Board	3 375 sek	2 700 sek
NEW	PRO-OUT4H-V2	4-Way HDMI 2.0 Output Board	6 625 sek	5 300 sek
NEW	PRO-OUT4HTCS	4-Way HDBaseT™ (100m) / HDMI 2.0 Output Board (Supports 4K60Hz 4:4:4)	24 125 sek	19 300 sek
NEW	PRO-OUT2TCS	2-Way HDBaseT™ (100m) Output Board (Supports 4K60Hz 4:4:4)	9 250 sek	7 400 sek
NEW	PRO-OUT4TCS	4-Way HDBaseT™ (100m) Output Board (Supports 4K60Hz 4:4:4)	18 500 sek	14 800 sek
NEW	PRO-OUT2TL-V2	2-Way HDBaseT™ (70m) Output Board (Supports 4K60Hz 4:4:4)	6 625 sek	5 300 sek
NEW	PRO-OUT4TL-V2	4-Way HDBaseT™ (70m) Output Board (Supports 4K60Hz 4:4:4)	13 750 sek	11 000 sek
NEW	PRO-OUT4TLS-V2	4-Way HDBaseT™ (70m) / HDMI 2.0 Output Board (Supports 4K60Hz 4:4:4)	20 875 sek	16 700 sek
Control Boards				
NEW	PRO-8IR-V2	8-Way IR Control Board (Switchable 5V or 12V IR compatibility)	2 000 sek	1 600 sek
NEW	PRO-8ABV	8-Way Audio Breakout Board (Includes volume control)	3 375 sek	2 700 sek

Custom Pro HDBaseT™ Matrix (pre-configured)		inkl.moms	exkl.moms
PRO48HBT70CS	Custom Pro 4x8 HDBaseT CSC Matrix (4K 60Hz 4:4:4 up to 40m) - Supports HDR, IP Control, PoE, 2-Way IR and Audio Breakout	53 000 sek	42 400 sek
PRO88HBT100CS	Custom Pro 8x8 HDBaseT CSC Matrix (4K 60Hz 4:4:4 up to 70m) - Supports HDR, IP & RS-232 Control, PoE, 2-Way IR, 4 x Simultaneous outputs, Audio Breakout with volume control	77 625 sek	62 100 sek
PRO88HBT70CS	Custom Pro 8x8 HDBaseT CSC Matrix (4K 60Hz 4:4:4 up to 40m) - Supports HDR, IP Control, PoE, 2-Way IR, 4 x Simultaneous HDMI outputs , Audio Breakout with volume control	69 375 sek	55 500 sek
PRO4V4H8HBT70	Custom Pro 8x8 HDBaseT CSC Matrix (4K 60Hz 4:4:4 up to 40m) - 2 x VGA Input, 2 x HDMI Input, HDR, IP Control, PoE, 2-Way IR, 4 x Simultaneous HDMI outputs , Audio Breakout with volume control	63 625 sek	50 900 sek
PRO88HDMI-V2	Custom Pro 8x8 HDMI Matrix - Supports HDR, IP Control, 2-Way IR	42 750 sek	34 200 sek

4K CSC HDBaseT™ Receivers			inkl.moms	exkl.moms
NEW	HEX70CS-RX	HDBaseT CS Receiver - 70m (4K 60Hz 4:4:4 up to 40m), Bi-directional IR & PoH (PoE)	3 000 sek	2 400 sek
NEW	HEX100CS-RX	HDBaseT CS Receiver - 100m (4K 60Hz 4:4:4 up to 40m), Bi-directional IR, PoH (PoE)	5 000 sek	4 000 sek



HMXL44CS-KIT

Essential 4K CSC HDBaseT™ Matrix Kit			inkl.moms	exkl.moms
NEW	HMXL44CS-KIT	4x4 HDBaseT™ Matrix Kit - 70m (4K60 4:4:4), HDCP2.2, Bi-directional IR, PoH (PoE), Simultaneous HDBaseT™ / HDMI on output 1 with built in scaler, Audio Breakout, RS-232 & IP Control, Line Level Volume Control, Web GUI / App, includes 4x HEX70CS-RX receivers.	42 250 sek	33 800 sek

HDBaseT™ Matrix Products

4K 60Hz, 4:2:0, 8bit



Platinum 4K HDBaseT™ Matrix		inkl.moms	exkl.moms
PLA88L-V2	8x8 HDBaseT Matrix - 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m), Bi-directional IR & RS-232, PoH (PoE), Simultaneous HDBaseT™ / HDMI Outputs, 2x HDBaseT™ inputs, Audio Breakout, HDCP 2.2	88 875 sek	71 100 sek
PLA88ARC-V2	8x8 HDBaseT™ Matrix - 100m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 70m), Bi-directional IR & RS-232, PoH (PoE), Simultaneous HDBaseT™ / HDMI Outputs, 2x HDBaseT™ inputs, Audio Breakout, ARC enabled, HDCP 2.2	100 000 sek	80 000 sek
PLA66L-V2	6x6 HDBaseT Matrix - 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m), Bi-directional IR & RS-232, PoH (PoE), Simultaneous HDBaseT / HDMI Outputs, 1x HDBaseT™ input, Audio Breakout , HDCP 2.2	73 000 sek	58 400 sek
PLA66ARC-V2	6x6 HDBaseT™ Matrix - 100m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 70m), Bi-directional IR & RS-232, PoH (PoE), Simultaneous HDBaseT™ / HDMI Outputs, 1x HDBaseT™ input, Audio Breakout, ARC enabled, HDCP 2.2	82 375 sek	65 900 sek

Custom Pro HDBaseT™ Matrix (pre-configured)		inkl.moms	exkl.moms
PRO48HBT70	Custom Pro 4x8 HDBaseT™ Matrix 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m), 2-Way IR, and Audio Breakout, Web GUI / App, HDCP2.2	52 500 sek	42 000 sek
PRO88HBT70	Custom Pro 8x8 HDBaseT™ Matrix 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m), 2-Way IR, RS-232, and Audio Breakout, Simultaneous HDBaseT™ / HDMI Outputs, Web GUI / App, HDCP2.2	69 375 sek	55 500 sek
PRO88HDMI	Custom Pro 8x8 HDMI Matrix - 2-Way IR, Audio Breakout, Web GUI / App, HDCP2.2	42 750 sek	34 200 sek

Input Boards		inkl.moms	exkl.moms
PROIN2H	2-Way HDMI Input board	2 250 sek	1 800 sek
PROIN4H	4-Way HDMI Input board	4 500 sek	3 600 sek
Output Boards		inkl.moms	exkl.moms
PRO-OUT2H	2-Way HDMI Output Board	2 750 sek	2 200 sek
PRO-OUT4H	4-Way HDMI Output Board	5 625 sek	4 500 sek
PRO-OUT2TL	2-Way HDBaseT™ Lite Output Board - 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m)	6 000 sek	4 800 sek
PRO-OUT4TL	4-Way HDBaseT™ Lite Output Board - 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m)	12 125 sek	9 700 sek
PRO-OUT4TLS	4-Way Simultaneous HDBaseT™ Lite / HDMI Output Board - 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m)	17 250 sek	13 800 sek
Control Boards		inkl.moms	exkl.moms
PRO-8IR	8-Way IR Control Board	1 625 sek	1 300 sek
PRO-8RS232	8-Way RS-232 Control Board	1 125 sek	900 sek
PRO-8AB	8-Way Audio Breakout Board	2 250 sek	1 800 sek

HDBaseT™ Matrix Products

4K 60Hz, 4:2:0, 8bit



Essential 4K HDBaseT™ Matrix		inkl.moms	exkl.moms
HMXL88-V2	8x8 HDBaseT™ Matrix - 6x 70m (4K60 4:2:0 / 30Hz 4:4:4 up to 40m) HDBaseT™ Outputs & 2 HDMI Outputs, Bi-directional IR, PoH (PoE), RS-232 & IP Control, HDCP2.2, Web GUI / App	38 875 sek	31 100 sek
HMXL44-KIT-V2	4x4 HDBaseT™ Matrix Kit - 70m (4K60 4:2:0 / 30Hz 4:4:4 up to 40m), Bi-directional IR, PoH (PoE), Simultaneous HDMI Outputs, Audio Breakout, RS-232 & IP Control, HDCP2.2, Web GUI / App, Line Level Volume Control, includes 4x HEX70ED-RX receivers	34 750 sek	27 800 sek
C44-KIT	Contractor 4x4 HDBaseT™ Matrix Kit - 70m (4K60 4:2:0 / 30Hz 4:4:4 up to 40m), Bi-directional IR, PoH (PoE), Simultaneous HDMI / HDBaseT™ on output 1, RS-232 & TCP / IP Control, HDCP 2.2, Web GUI / App, includes 4x HEX70B-RX HDBaseT™ Receivers.	22 625 sek	18 100 sek

NEW

Legacy 4K HDBaseT™ Matrix, limited to HDCP1.4 and 4K to 30Hz		inkl.moms	exkl.moms
HMXL88	8x8 HDBaseT™ Matrix - 6x 70m (4K up to 40m) HDBaseT™ Outputs & 2x HDMI Outputs, Bi-directional IR, PoH (PoE), RS-232 & IP Control	28 800 sek	22 400 sek
HMXL66	6x6 HDBaseT™ Matrix - 70m (4K up to 40m), 6x HDBaseT™ and 2x HDMI outputs (Outputs 1 and 2 feature simultaneous HDBaseT™ / HDMI outputs). Bi-directional IR, PoH (PoE), RS-232 & IP Control, Web GUI / App	19 375 sek	15 500 sek
HMXL44-KIT	4x4 HDBaseT™ Matrix Kit - 70m (4K up to 40m), Bi-directional IR, PoH (PoE), Simultaneous HDMI / HDBaseT™ Outputs, Audio Breakout, RS-232 & IP Control, includes 4x HEX70ED-RX receivers	27 375 sek	21 900 sek

HDBaseT™ Splitter

4K 60Hz, 4:2:0, 8bit

4K HDBaseT™ Splitter		inkl.moms	exkl.moms
HSP14AB-V2	4-Way 4K HDBaseT™ Splitter - 70m (4K60 4:2:0 / 30Hz 4:4:4 up to 40m) with Audio Breakout, EDID Management and HDMI loop out, HDCP2.2	10 750 sek	8 600 sek

HDBaseT™ Receivers and Transmitters

4K 60Hz, 4:2:0, 8bit

4K HDBaseT™ Receivers		inkl.moms	exkl.moms
RX70AMP	HDBaseT™ Receiver with Integrated Audio Amplifier - 70m HDBaseT™ Input (4K60 4:2:0 / 30Hz 4:4:4 up to 40m), Local HDMI & Audio Input, 30w per channel digital Amplifier	7 250 sek	5 800 sek
HEX70B-RX	HDBaseT™ Receiver - 70m (4K60 4:2:0 / 30Hz 4:4:4 up to 40m), Bi-directional IR, PoH (PoE), Compatible with HMXL88-V2 & HSP14AB-V2, HDCP2.2	2 250 sek	1 800 sek
HEX70ED-RX	HDBaseT™ Receiver - 70m (4K60 4:2:0 / 30Hz 4:4:4 up to 40m), RS-232 Pass through, Bi-directional IR, Bi-directional PoH (PoE), HDCP2.2	2 625 sek	2 100 sek
HEX100ARC-RX	HDBaseT™ Receiver - 100m (4K60 4:2:0 / 30Hz 4:4:4 up to 70m), Bi-directional IR, PoH (PoE), Optical input, ARC, RS-232, 3 x Ethernet Switch, HDCP2.2	4 375 sek	3 500 sek

4K HDBaseT™ Transmitters		inkl.moms	exkl.moms
HEX70B-TX	HDBaseT™ Transmitter - 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m), Bi-directional IR, Bi-directional PoH (PoE), HDCP2.2	2 250 sek	1 800 sek
HEX70ED-TX-V2	HDBaseT™ Transmitter - 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m), RS-232 Pass through, Bi-directional IR, Bi-directional PoH (PoE), HDCP2.2	3 750 sek	3 000 sek
HEX100ARC-TX-V2	HDBaseT™ Transmitter - 100m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 70m), Bi-directional IR, PoH (PoE), Optical input, ARC, RS-232, 1x LAN serving port, HDCP2.2	4 875 sek	3 900 sek
HEX100HDVGA-TX	HDBaseT™ Transmitter - 100m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m), Switchable HDMI / VGA inputs, Bi-directional IR, RS-232 Pass-through / Control, Bi-directional PoH (PoE), HDCP1.4	4 500 sek	3 600 sek

CSC HDBaseT™ Extender Kits

4K 60Hz, 4:4:4, 18Gbps



HEX100CS-KIT

	4K HDBaseT™ Extender Kits, supporting 4K 60Hz 4:4:4	inkl.moms	exkl.moms
NEW	HEX70CS-KIT	HDBaseT™ Extender Set - 70m (4K60 4:4:4 up to 40m), RS-232 Pass through, Bi-directional IR, Bi-directional PoH (PoE), HDCP2.2.	7 125 sek5 700 sek
NEW	HEX100CS-KIT	HDBaseT™ Extender Set - 100m (4K60 4:4:4 up to 70m), Bi-directional IR, Bi-directional PoH (PoE), HDMI Loop Out, HDCP2.2.	10 000 sek8 000 sek
NEW	HEX150DSC-KIT	HDBaseT™ Extender Set - 150m (4K60 4:4:4 up to 100m), Bi-directional IR, Bi-directional PoH (PoE), Audio Breakout, ARC, RS-232, 3 x LAN switch, HDCP2.2.	11 625 sek9 300 sek

HDBaseT™ Extender Kits

4K 60Hz, 4:2:0, 8bit

	4K HDBaseT™ Extender Kits, supporting 4K 60Hz 4:2:0 / 30Hz 4:4:4	inkl.moms	exkl.moms
NEW PRICE	HEX70B-KIT	HDBaseT™ Extender Set - 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m), Bi-directional IR, Bi-Directional PoH (PoE), HDCP2.2	4 375 sek3 500 sek
	HEX70ED-KIT-V2	HDBaseT™ Extender Set - 70m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 40m), Bi-directional IR & RS-232, EDID management, HDMI loop-out, Bi-directional PoH (PoE), Audio Breakout, HDCP2.2	6 500 sek5 200 sek
	HEX100ARC-KIT-V2	HDBaseT™ Extender Set - 100m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 70m), Bi-directional IR, Bi-directional PoH (PoE), Audio Breakout, ARC, RS-232, 3 x LAN switch, HDCP2.2, HDMI loop out	9 125 sek7 300 sek
	HEX100HDVGA-KIT	HDBaseT™ Extender Set - 100m (4K60Hz 4:2:0 / 30Hz 4:4:4 up to 70m), Switchable HDMI / VGA inputs, Bi-directional IR, Bi-directional PoH (PoE), HDCP1.4	8 500 sek6 800 sek

HDMI Extender Kits

1080p

	1080p HDMI Extender Kits	inkl.moms	exkl.moms
	EX40B-KIT	Slim-Line HDMI Extender Set - 40m @ 1080p (1080i up to 50m) & Bi-directional IR	2 500 sek2 000 sek
	CEX120B-KIT	HDMI over Coax Extender Set - 120m @ 1080p & Bi-directional IR	6 375 sek5 100 sek



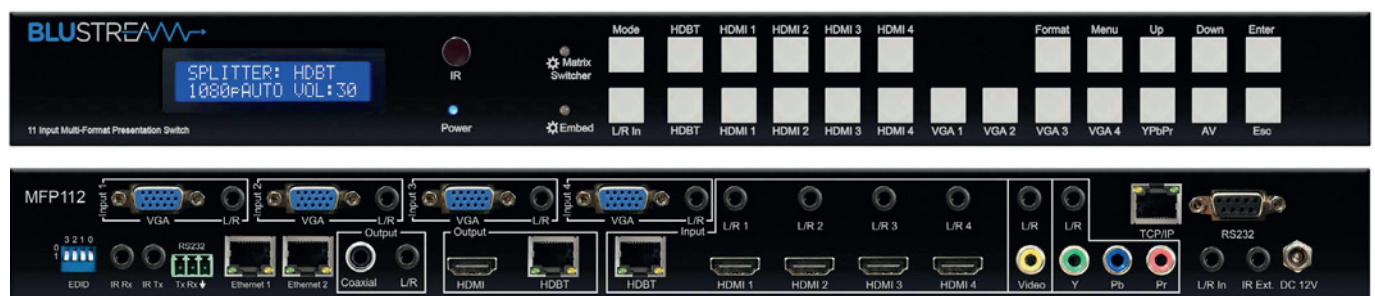
HMXL44CS-KIT

HDMI Signal Management		inkl.moms	exkl.moms
SM11	HDMI2.0 / HDCP2.2 Signal Manager with Audio Embedder / De-Embedder	2 750 sek	2 200 sek
HD11AU	HDMI Audio Embedder / De-Embedder	1 625 sek	1 300 sek
HDCP11AB	HDCP Manager with audio breakout	1 750 sek	1 400 sek

4K HDMI Scalers		inkl.moms	exkl.moms
SC11HD-V2	HDMI 4K50/60Hz HDCP2.2 compliant down-scaler with EDID management	2 500 sek	2 000 sek
NEW SC12SP-V2	2-Way HDMI 4K50/60Hz HDCP2.2 Downscaler and Splitter	4 375 sek	3 500 sek

4K HDMI Splitter		inkl.moms	exkl.moms
SP14AB	4-Way 4K HDMI Splitter with Audio Breakout and EDID management	3 375 sek	2 700 sek
NEW SP14AB-V2	4-Way 4K HDMI 2.0 HDCP 2.2 Splitter with Audio Breakout and EDID Management	3 500 sek	2 800 sek
SP14-V2	4-Way 4K HDMI 2.0 Splitter with EDID management, HDCP2.2	3 250 sek	2 600 sek
SP12AB	2-Way 4K HDMI Splitter with Audio Breakout and EDID Management	1 500 sek	1 200 sek
NEW SP12AB-V2	2-Way 4K HDMI 2.0 HDCP 2.2 Splitter with Audio Breakout and EDID Management	1 625 sek	1 300 sek

4K HDMI Switch		inkl.moms	exkl.moms
SW21AB-V2	2-Way 4K HDMI Switch, HDMI 2.0, Audio Breakout, HDCP2.2	1 750 sek	1 400sek
SW41AB-V2	4-Way 4K HDMI Switch, HDMI 2.0, Audio Breakout, HDCP2.2	2 375 sek	1 900 sek



MFP - Multi-format Presentation Switch

- ➔ Can function in 2 modes: Splitter and Matrix Switcher mode
- ➔ Built-in video scaling, both up-scaling and downscaling capabilities
- ➔ Supports all known HDMI audio formats on HDMI pass-through
- ➔ 3rd Party drivers available for all major home control brands
- ➔ Advanced EDID management
- ➔ HDCP 1.4 compliant

Multi-Format Presentation Switchers		inkl.moms	exkl.moms
MFP72	7 input Multi-format Presentation Switch	6 375 sek	5 100sek
MFP112	11 input Multi-format Presentation Switch (includes HDBaseT™ input and output)	15 000 sek	12 000 sek

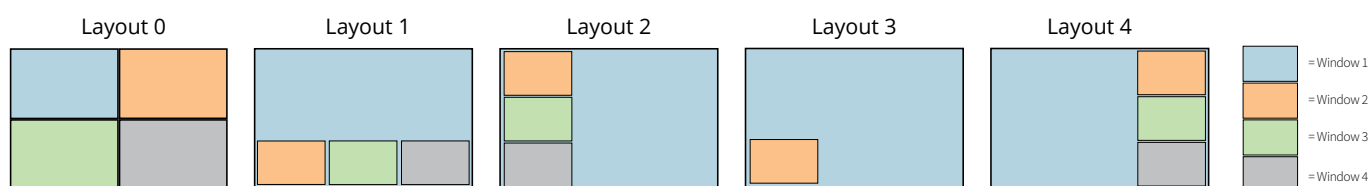
HDMI Solutions



4K HDMI Matrix		inkl.moms	exkl.moms
MX88ED	8x8 4K HDMI Matrix with EDID Management	17 625 sek	14 100 sek
MX44AB-V2	4x4 4K HDMI 2.0 Matrix with Audio Breakout, EDID management and IR routing, Web GUI / App control, HDCP2.2	14 500 sek	11 600 sek
MX44AB	4x4 4K HDMI Matrix with Audio Breakout and EDID Management	6 250 sek	5 000 sek
NEW CMX44AB	Contractor 4x4 HDMI2.0 4K HDCP2.2 Matrix with Audio Breakout, EDID Management and IR Routing	9 625 sek	7 700 sek
NEW CMX42AB	Contractor 4x2 HDMI2.0 4K HDCP2.2 Matrix with Audio Breakout, EDID Management and IR Routing	6 000 sek	4 800 sek
MX42AB	4x2 4K HDMI Matrix with Audio Breakout and EDID Management	5 125 sek	4 100 sek



Product Shown - MX44VW



*Features multi-view picture in picture technology

4K HDMI Matrix with Video Wall, PIP and Seamless Switching		inkl.moms	exkl.moms
MX44VW	4x4 4K Seamless Switching HDMI / VGA Matrix with Video Wall and Multi-viewer feature, IR routing, RS-232, IR & TCP/IP Control, Web GUI / App control	25 125 sek	20 100 sek

Audio Solutions

Audio Integration		inkl.moms	exkl.moms
CAT100AU	Digital Audio over CAT cable with built-in DAC - 100m	1 875 sek	1 500 sek
DAC12AU	Digital to Analogue Converter (DAC) - simultaneous analogue and digital output	750 sek	600 sek
ADC11AU	Analogue to Digital Audio Converter (ADC)	750 sek	600 sek
DIG11AU	Digital Audio Converter (Coax to Optical or Optical to Coax)	875 sek	700 sek
OPT41AU	4-Way Optical Switch	750 sek	600 sek

Product Specification



Multicast UHD Video over IP

	IP100UHD-TX (Transmitter)	IP100UHD-RX (Receiver)
Infrastructure	Cat5e / 6 / 6a / 7 (IP infrastructure)	
Protocol	Proprietary, 1Gb LAN requirement	
Max Resolution	4K 60Hz 4:2:0 8-bit 4K 24/30Hz 4:2:2 10-bit	4K 24/30Hz 4:2:0 10-bit
4K HDR	Yes	
HDMI / HDCP	HDMI1.4 / HDCP2.2	
Video Inputs	1x HDMI	-/-
Video Outputs	-/-	1x HDMI 1x Loop RJ45 (to daisy chain receivers)
Distance (max)	100m over copper – all resolutions	
Audio	Analogue audio input (3.5mm) – embedding ability	Analogue audio breakout (2x RCA)
EDID / Scaling	Advanced EDID Management inc. EDID Copy	Scaling to 4K30 max Video wall capabilities (up to 16x16)
Power	PoE (from LAN Switch) – 24V / 9W (approx. per unit)	
Configuration	New AI2.0 Software Manual set-up (no software required – limited features available)	
Control	2-way IR (with AI2.0 software) RS-232 Pass-through CM100 Interface (3rd party control)	2-way IR (with AI2.0 software) Multicast RX to TX (source) switching RS-232 Pass-through CM100 Interface (3rd party control)

Multicast Control Module

	CM100	IP-BRIDGE
IP Connections	1x Multicast LAN - RJ45 (PoE) 1x Control Network - RJ45	1x Multicast Connection (USB to RJ45 adaptor - supplied) 1x Control Network – RJ45
Other Control Inputs	1x Phoenix (3-pin) – RS232 1x IR (3.5mm jack)	-/-
Power	PoE Powered (5V connection if no PoE available)	5V USB Power (PSU and cable supplied)
Features	Control of Blustream Multicast IP system via 3rd party control system	Control of Blustream Multicast IP system via 3rd party control system Drag and Drop TV (free App required)

Platinum HDBaseT™ Matrix

	PLA66L-V2	PLA88L-V2	PLA66ARC-V2	PLA88ARC-V2
Infrastructure	Cat6 / 6a / 7 - recommended			
Protocol	HDBaseT™ - Class B		HDBaseT™ - Class A	
Max Resolution	4K 60Hz 4:2:0 8-bit			
4K HDR	No			
HDMI / HDCP	HDMI2.0 / HDCP2.2			
AV Inputs	5x HDMI 1x HDMI / HDBaseT (dual)	6x HDMI 2x HDMI / HDBaseT (dual)	5x HDMI 1x HDMI / HDBaseT (dual)	6x HDMI 2x HDMI / HDBaseT (dual)
AV Outputs	6x HDMI 6x HDBaseT (simultaneous outputs)	8x HDMI 8x HDBaseT (simultaneous outputs)	6x HDMI 6x HDBaseT (simultaneous outputs)	8x HDMI 8x HDBaseT (simultaneous outputs)
Distance (max)	70m at 1080p 40m at 4K		100m at 1080p 70m at 4K	
Audio	Analogue & S/PDIF zone / output breakout Analogue input Source breakout Lip-sync correction		Analogue & S/PDIF zone / output breakout Analogue input Source breakout Lip-sync correction ARC (Audio Return Channel)	
IR Pass-through	2-way			
Power	1x IEC – internal power supply / PoH to connected transmitters & receivers			
Matrix Control	IR / RS-232 / IP / Web-GUI / App / Front panel			
Used with (TX / RX) sold separately	HEX70B-TX or RX (2-way IR) HEX70ED-TX-V2 or RX (2-way IR & RS-232		HEX100ARC-TX-V2 or RX (2-way IR, RS-232, Ethernet, ARC) HEX100HDVGA-TX or RX (2-way IR, RS-232, Audio Breakout)	
Size	2U rack mountable, supplied with rack ears			

Product Specification



Custom Pro Matrix - Pre Configured

	PRO48HBT70	PRO88HBT70	PRO88HDMI
Infrastructure	Cat6 / 6a / 7 (recommended)		HDMI
Protocol	HDBaseT™ - Class B		n/a
Max Resolution	4K 60Hz 4:2:0 8-bit		4K 60Hz 4:4:4 (18Gbps)
4K HDR	No		Yes
HDMI / HDCP	HDMI1.4 / HDCP2.2		HDMI2.0 / HDCP2.2
AV Inputs	4x HDMI		8x HDMI
AV Outputs	8x HDBaseT	8x HDMI 8x HDBaseT (simultaneous outputs)	8x HDMI
Distance (max)	70m at 1080p 40m at 4K		n/a
Audio	Analogue & S/PDIF zone / output breakout Analogue input		
IR Pass-through	2-way		
Power	1x PSU / PoH to receivers		1x PSU
Matrix Control	IR / RS-232 / IP / Web-GUI / App / Front panel		
Used with (RX) sold separately	HEX70B-RX (2-way IR) HEX70ED-RX (2-way IR & RS-232)		n/a
Size	2U rack mountable, supplied with rack ears		

Custom Pro - Component Boards

	CUSTOMPRO-HUB	PROIN2H	PROIN4H	PRO-OUT2H	PRO-OUT4H	PRO-OUT2TL	PRO-OUT4TL	PRO-OUT4TLS
Infrastructure	-/-	HDMI				CAT		CAT / HDMI
Protocol	-/-					HDBaseT™ - Class B		
Max Resolution	-/-	4K 60Hz 4:2:0 8-bit						
HDMI / HDCP	-/-	HDMI1.4 / HDCP2.2						
AV Inputs	2-Slots	2x HDMI	4x HDMI	-/-				
AV Outputs	2-Slots	-/-		2x HDMI	4x HDMI	2x HDBT	4x HDBT	4x HDMI / HDBT Simultaneous
Audio	8x Analogue Input	-/-						
Distance	-/-					70m 1080p 40m 4K	70m 1080p 40m 4K	70m 1080p 40m 4K
Adv. EDID Mgmt.	Yes	-/-						
IR Pass-through	-/-					Yes		
Power	1x IEC Internal PSU PoH to TX/RX	-/-						
Matrix Control	IR/IP/RS-232 Web GUI Applications	-/-						
Used with (RX's)	-/-					HEX70B-RX (2-way IR) HEX70ED-RX (IR +RS232)		
Size	2U rack mountable	-/-						

Product Specification



Custom Pro Component boards, supporting 4K 60Hz 4:4:4 - New for 2018

	PRO-8IR-V2	PRO-8ABV	PRO-IN2H2V	PRO-IN2HAB	PRO-IN4HAB	PRO-OUT4HTCS	PRO-OUT4TCS	PRO-OUT2TCS	PRO-OUT4TLS-V2	PRO-OUT4TL-V2	PRO-OUT2TL-V2
Infrastructure	-/-		HDMI / VGA	HDMI		HDMI / HDBaseT™	HDBaseT™		HDMI / HDBaseT™	HDBaseT™	
Protocol	-/-					HDBaseT - Class A - with CSC			HDBaseT - Class B - with CSC		
Max Resolution			4K 60Hz 4:4:4 WUXGA (1920x1200)	4K60 4:4:4 8-bit							
4K HDR	-/-		Yes								
HDMI / HDCP	-/-		HDMI2.0 / HDCP2.2				HDCP2.2		HDMI2.0 / HDCP2.2	HDCP2.2	
AV Inputs	-/-		2x HDMI 2x VGA	2x HDMI	4x HDMI	-/-					
AV Outputs	-/-					4x HDMI / HDBaseT simultaneous	4x HDBaseT	2x HDBaseT	4x HDMI / HDBaseT simultaneous	4x HDBaseT	2x HDBaseT
Distance (max)	-/-					100m at 1080p 70m at 4K			70m at 1080p 40m at 4K		
Audio	-/-	8x Stereo / S/PDIF b/o with Line Level Volume	2x 3.5mm stereo (VGA)	2x stereo source breakout	4x stereo source breakout	HDMI Pass-through					
IR Pass-through	2-way	-/-				2-way					
Used with (RX's)	-/-					HEX100CS-RX (sold separately)			HEX70CS-RX (sold separately)		

Essential HDBaseT™ Matrix

	C44-KIT	HMXL44-KIT-V2	HMXL44CS-KIT NEW	HMXL66	HMXL88-V2
Infrastructure	Cat6 / 6a / 7 (recommended)			Cat5e / 6 / 6a / 7 (recommended)	Cat6 / 6a / 7 (recommended)
Protocol	HDBaseT™ - Class B		HDBaseT – Class B with CSC	HDBaseT – Class B	
Max Resolution	4K 60Hz 4:2:0 8-bit		4K 60Hz 4:4:4 8-bit – 18Gbps	4K 60Hz 4:2:0 8-bit	
4K HDR	No		Yes	No	
HDMI / HDCP	HDMI1.4 / HDCP2.2		HDMI2.0 / HDCP2.2	HDMI1.4 / HDCP1.4	HDMI1.4 / HDCP2.2
AV Inputs	4x HDMI			6x HDMI	8x HDMI
AV Outputs	1x HDMI 4x HDBaseT (1x simultaneous output)	4x HDMI 4x HDBaseT (simultaneous outputs)	1x HDMI 4x HDBaseT (1x simultaneous output)	2x HDMI 6x HDBaseT (2x simultaneous outputs)	2x HDMI 6x HDBaseT (independent outputs)
Distance (max)	70m at 1080p / 40m at 4K				
Audio	Pass-through only	Analogue & S/PDIF zone / output breakout		Pass-through only	
IR / RS-232	2-way IR	2-way IR RS-232 to zone		2-way IR	
Power	1x PSU PoH to receivers			2x PSU PoH to receivers	
Matrix Control	IR / RS-232 / IP / Web-GUI / App / Front panel				
Used with (receivers)	HEX70B-RX (4x supplied in kit)	HEX70ED-RX (x4 supplied in kit)	HEX70CS-RX (x4 supplied in kit)	HEX70B-RX (2-way IR) HEX70ED-RX (2-way IR & RS-232) sold separately	
Size	1U rack mountable, supplied with rack ears				

HDBaseT™ Extender, supporting 4K 50/60Hz 4:4:4 - New for 2018

	HEX70CS-KIT	HEX100CS-KIT	HEX150DSC-KIT
Infrastructure	Cat6 / 6a / 7 (recommended)		
Protocol	HDBaseT™ - Class B	HDBaseT™ - Class A	HDBT Long Range - DSC
Max Resolution	4K 60Hz 4:4:4 (18Gbps)		
4K HDR	Yes		
HDMI / HDCP	HDMI2.0 / HDCP2.2		
AV Inputs	1x HDMI		
AV Outputs	2x HDMI (1x HDMI Loop-Out on TX)		1x HDMI
Audio	Breakout on RX (coax & L/R)		HDMI Pass-through ARC / OAR Audio breakout on TX
Distance	70m at 1080p 40m at 4K	100m at 1080p 70m at 4K	150m at 1080p 100m at 4K
IR Pass-through	2-way		
Power	1x PoH (bi-directional)		
Other Connectivity	RS-232		RS-232, 100BaseT Ethernet

HDBaseT™ Extenders, supporting 4K 50/60Hz 4:2:0

	HEX70B-KIT	HEX70ED-KIT-V2	HEX100ARC-KIT-V2	HEX100HDVGA-KIT
Infrastructure	Cat5e / 6 / 6a / 7			
Protocol	HDBaseT™ - Class B		HDBaseT™ - Class A	
Max Resolution	4K 60Hz 4:2:0 8-bit			
HDMI / HDCP	HDMI1.4 / HDCP2.2			HDMI1.4 / HDCP1.4
AV Inputs	1x HDMI			1x HDMI 1x VGA (WUXGA)
AV Outputs	1x HDMI	2x HDMI (1x Loop Out on TX)		1x HDMI
Audio	-	HDMI Pass-through Audio breakout on TX	HDMI Pass-through ARC / OAR Audio breakout on TX	HDMI Pass-through Audio breakout on RX
Distance	70m at 1080p 40m at 4K		100m at 1080p 70m at 4K	
EDID Management	-/-	Yes	-/-	
IR Pass-through	2-way			
Power	1x PoH (bi-directional)			
Other Connectivity	-/-	RS-232	RS-232 / LAN	RS-232

4K HDMI Scalers

	SC11HD-V2	SC12SP-V2 <i>NEW</i>
Protocol	HDMI	
HDMI / HDCP	HDMI2.0 / HDCP2.2	
AV Inputs	1x HDMI	
AV Outputs	1x HDMI	2x HDMI
Audio	HDMI Pass-through (all known HDMI formats) – no DSP Audio breakout (Analogue Stereo & Coaxial Digital) – no DSP	
EDID Management	Yes	
Maximum Input Resolution	3840x2160 @50/60Hz 4:2:0 10-bit (HDR)	3840x2160 @50/60Hz 4:4:4 8-bit – 18Gbps
Scaled output options	1080p only Frame rate always equals input (fixed)	1080p or 4K Will downscale to 4Kxx 4:2:0 where display doesn't support 4:4:4 Frame rate always equals input

Product Specification



4K HDMI Matrix

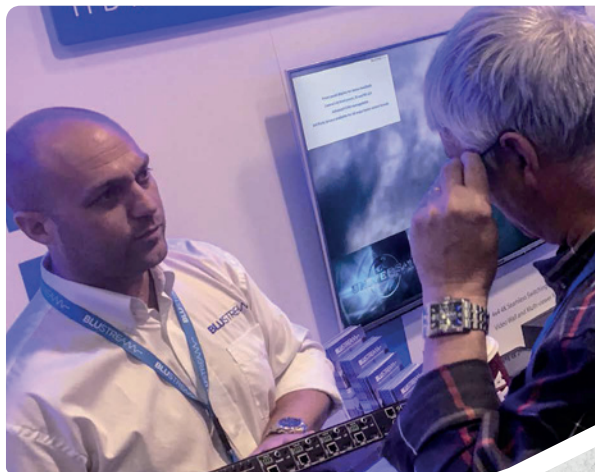
	MX42AB	CMX42AB <i>NEW</i>	MX44AB	CMX44AB <i>NEW</i>	MX44AB-V2	MX88ED
Max Resolution	4K 60Hz 4:2:0	4K60 4:4:4 (18Gbps)	4K60 4:2:0	4K60 4:4:4 (18Gbps)		4K 60Hz 4:2:0
4K HDR	No	Yes	No	Yes		No
HDMI / HDCP	HDMI1.4 / HDCP1.4	HDMI2.0 / HDCP2.2	HDMI1.4 / HDCP1.4	HDMI2.0 / HDCP2.2		HDMI1.4 / HDCP1.4
AV Inputs	4x HDMI	4x HDMI	4x HDMI	4x HDMI	4x HDMI	8x HDMI
AV Outputs	2x HDMI	2x HDMI	4x HDMI	4x HDMI	4x HDMI	8x HDMI
Audio	Analogue & S/PDIF zone / output breakout				Analogue & S/PDIF breakout Analogue input	n/a
IR Pass-through	Discreet IR Source Control					n/a
Power	1x PSU					
Matrix Control	IR / RS-232 / Front Panel				IR / RS-232 / IP / Front Panel	IR / RS-232 / Front Panel
Size	1U shelf sitting				1U rack mountable, supplied with rack ears	

Multi-format Presentation Switch

	MFP72	MFP112
Infrastructure	HDMI / VGA / Analogue	Cat5e / 6 / 6a / 7
Protocol	-/-	HDBaseT™ - Class A
Max Resolution	4K 60Hz 4:2:0 8-bit / 4K 24/30Hz 4:2:2 10-bit / WUXGA (1920x1200)	
HDMI / HDCP	HDMI1.4 / HDCP1.4	
AV Inputs	4x HDMI 1x VGA 1x Component / 1x Composite	4x HDMI 4x VGA 1x HDBaseT™ 1x Component / 1x Composite
AV Outputs	2x HDMI (switchable or simultaneous)	1x HDMI 1x HDBaseT™ (switchable or simultaneous)
Audio	Analogue & S/PDIF breakout w. line level volume control Analogue input	
Distance	-/-	100m at 1080p / 70m at 4K
Adv. EDID Mgmt.	Yes	
Switch Control	IR / RS-232 / Front panel	IR / RS-232 / IP / Front panel
Power	1x PSU	1x PSU (PoH to transmitter / receiver)
Used with (RX's)	HEX70ED-RX (x4 supplied in kit)	HEX70B-RX (2-way IR) HEX70ED-RX (2-way IR & RS-232)
Size	1U shelf sitting	1U rack mountable

4K HDMI Switches & Splitters

	SW21AB-V2	SW41AB-V2	SP12AB	SP12AB-V2	SP14-V2	SP14AB-v2
Type	HDMI Switch		HDMI Splitter			
Max Resolution	4K 60Hz 4:4:4		4K 60Hz 4:2:0	4K 60Hz 4:4:4		
HDMI / HDCP	HDMI2.0 / HDCP2.2		HDMI1.4 / HDCP1.4	HDMI2.0 / HDCP2.2		
AV Inputs	2x HDMI	4x HDMI	1x HDMI	1x HDMI		
AV Outputs	1x HDMI		2x HDMI		4x HDMI	
Audio	Analogue & S/PDIF zone / output breakout		Analogue & S/PDIF breakout		-/-	
Adv. EDID Mgmt.	Yes					
Power	1x PSU					
Control	IR / Front Panel	IR / RS-232 / Front Panel	-/-			



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- HDMI 2.0 Best Practice

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