

**BLUSTREAM** →  
AV DISTRIBUTION WITHOUT COMPROMISE

# Commercial Solutions

Advanced AV solutions for corporate and hospitality integration





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To see the full range of Blustream AV distribution solutions please visit our website - [www.blustream.co.uk](http://www.blustream.co.uk)



# BLUSTREAM

Blustream is the audio visual industry's award winning option for advanced AV distribution. Our products have been designed and engineered by a global team of AV specialists with over 50 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 Blustream developing a range of HDBaseT™, Video over IP, HDMI and Audio solutions that deliver seamless AV integration within any installation environment.



## Why choose Blustream?



Territory based warehousing and product development



Products supported by a 3 year warranty (extended warranty available)



Industry leading support processes with no quibble advanced replacement policy



Next day delivery available throughout EMEA



Industry leading training and technical support services



Fully accredited licensee of HDMI, HDBaseT™, SDVoE, Dolby®, DTS™ and Dante® technology platforms



Extensive roadmap for new product development



Driver integration available for major third party control systems



Key player in the rapidly evolving Video over IP platform



Web GUI & App control available on the majority of matrix and IP systems

# Suitable for a range of Commercial Applications

Blustream have a range of commercial AV solutions that integrate the latest HDMI switching technology, microphone inputs and wireless platforms including AirPlay and Miracast. These products boast advanced features that include seamless switching, control and connectivity from HDMI, USB-C, DisplayPort, VGA and wireless inputs.



## Seamless integration for huddle and meeting spaces

Blustream have developed a dedicated range of AV distribution solutions for the corporate environment. Integration of multiple video formats and advanced features such as seamless switching, microphone integration and USB / KVM pass through enable the cost effective delivery of industry leading technology.

## Deliver the ultimate video distribution experience

Blustream products make it simple to distribute AV signals to multiple displays. Utilising a single CAT6 cable infrastructure, our solutions transmit 4K resolutions to multiple displays with ease.

Our HDBaseT™ and Video over IP solutions have been installed in several large scale projects including sports stadiums, bars and nightclubs, gymnasiums, trading floors and control centres. Blustream products are trusted by our partners to be integrated in the most complex and challenging AV environments.



Seamless integration with the world's leading 3rd party control systems



# Uncompromised 18Gbps Video Over IP



## IP500UHD-TZ IP Multicast UHD Video Transceiver over 10Gb Managed Network

The Blustream IP500UHD Transceiver is a SDVoE AV over IP solution that provides the highest-quality, un-compromised 18Gbps 4K with zero latency Audio/Video extension over copper or optical fibre 10Gb Managed Networks. The IP500UHD-TZ includes support for HDMI 2.0 including distribution of HDR (High Dynamic Range), 10-bit colour content, and multi-channel HD audio signals.

### Key Features

- Video wall and Multi-view capabilities
- Supports HDMI 2.0 18Gbps specification with pass-through for up to 4K 60Hz 4:4:4 and with 10/12-bit HDR sources, including Dolby Vision
- Transceiver can be configured as a point of transmission or a receiver as required
- Supports video scaling and single-frame switching



## ACM500 Advanced Control Module for IP500UHD Systems

The ACM500 Control Module features advanced third party control of the SDVoE 10GbE Multicast system using TCP/IP, RS-232 and IR. The ACM500 includes a web interface module for control and configuration of the Multicast system and features 'drag and drop' source selection with video preview and independent routing of IR, RS-232, USB / KVM, Audio and Video. Pre-built Blustream product drivers simplify Multicast product installation and negate the need for an understanding of complex network infrastructures.

### Key Features

- Intuitive 'drag & drop' source selection with video preview feature for monitoring of system status
- PoE (Power over Ethernet) to power Blustream Multicast products from PoE switch
- Support for iOS and Android App control





# Video Over IP

## The Ultimate Flexibility



### IP250UHD-TX/RX

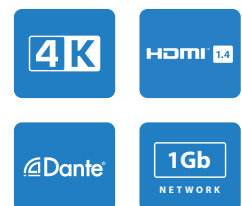
## IP Multicast UHD Video over 1Gb Network featuring Dante® Integration

Compatible with the current IP200 platform, the IP250UHD-TX/RX is an industry leading 4K HDCP 2.2 HDMI extender that, using visually lossless compression technology, delivers 10Gb HDMI, bi-directional IR, RS-232 & USB/KVM up to lengths of 100m over standard network architecture, or greater distances using the in-built fibre SFP port.

The IP250UHD transmitter and receiver both feature Dante® encoding and decoding to incorporate into your existing Dante® system.

#### Key Features

- Operates as a stand-alone system, or together with existing IP200UHD products
- Dual RJ45 network ports configurable for independent or combined HDMI & Dante® signal distribution
- Virtually unlimited system size
- SFP port for independent or combined HDMI and Dante® signal distribution over a single fibre cable
- Features HDMI loop-out for integrating local displays or cascading to multiple devices



### ACM200

## Advanced Control Module

The ACM200 includes a web interface module for control and configuration of the Multicast system and features 'drag and drop' source selection with video preview and independent routing of IR, RS-232, USB/KVM, audio and video. Pre-built Blustream product drivers simplify Multicast product installation with 3rd party control systems and negate the need for an understanding of complex network infrastructures.



## IP200UHD-TX/RX

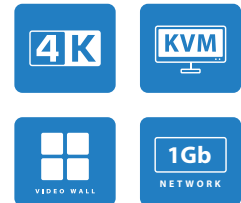
# IP Multicast UHD Video over 1Gb Network

The IP200UHD is an industry leading 4K HDCP 2.2 HDMI extender that using visually lossless compression technology delivers HDMI, Bi-directional IR, RS-232 & USB/KVM up to lengths of 100m over standard network architecture. The IP200UHD products can be powered via PoE from the Network switch or locally should the switch not support PoE. With multiple configuration options available the Multicast solution is ideal for 4K commercial installations.



### Key Features

- Advanced UHD video over 1Gb Network
- Virtually unlimited system size
- Extends HDMI up to a distance of 100m over a single CAT cable
- Supports up to 4K HDR UHD video sources (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Advanced signal management for independent routing of IR, RS-232, USB / KVM, audio and video



### Operational Modes

1

#### Matrix distribution

Integrate any number of sources and displays into the system

2

#### Video wall presentation

Combine video walls and individual displays on a single system

3

#### One-to-one

Point to Point transmission of 4K video (up to 100m)

4

#### One-to-many

Single source distribution to multiple displays (up to 100m)

## IP50HD-TX/RX

# Contractor Series HD Video over 100Mbps Network

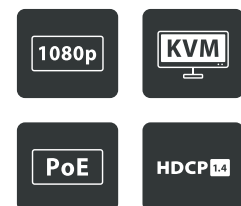
The IP50HD is an industry leading 1080p Video over IP solution that uses H.265 compression technology to deliver HDMI, Bi-directional IR, RS-232 & USB/KVM up to lengths of 100m over standard network architecture.

The products can be powered via PoE from the network switch or locally should the switch not support PoE. With multiple configuration options available the Multicast HD solution is ideal for large scale commercial installations.



### Key Features

- Advanced HD video, control and KVM over network infrastructure
- Extends HDMI up to a distance of 100m over a single CAT cable
- Supports unicast transmission over unmanaged networks
- Supports multicast transmission for large managed networks
- Supports up to 1080p 60Hz video and 2ch PCM audio



Drag and Drop TV is the visually simple and practical way to control your Multicast UHD over IP system. With virtually no set up or configuration required, it's the easy way to deliver intuitive switching control without the added cost of a dedicated control system.



# Wireless Presentation

featuring AirPlay and Miracast®



## AMF41W

### Advanced Wireless Multi-Format Presentation Switch

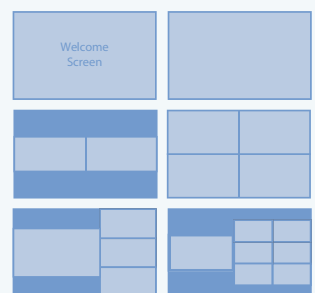
The AMF41W is an advanced 4K multi-format presentation switch featuring 4 x HDMI, AirPlay and Miracast® inputs to a single HDMI output. The AMF41W provides enhanced features including localised 2.4/5G WiFi hotspot, seamless switching, multiview presentation, video scaling and web GUI for control and configuration.

The AMF41W also features auto display control via RS-232, manual or automated source selection and control via front panel, RS-232 and TCP/IP. The AMF41W is an ideal product for your boardroom, classroom or huddle-space application.

#### Key Features

- Features 4x HDMI, AirPlay and Miracast® inputs which can be switched to a single HDMI output
- Localised 2.4G/5G WiFi hotspot to host AirPlay and Miracast® local streaming to AMF41W
- Multiview presentation with up to 7 concurrent video signals and configurable screen layout
- Seamless switching of sources in both single or multiview mode

#### Multi-View Configurations







# Video Wall Presentation



## MX44VW

### 4x4 4K HDMI / VGA Video Wall Matrix

The MX44VW can perform as a 4x4 seamless matrix switcher, as a 2x2, 4x1 or 1x4 video wall solution, and as a quad multi-view presentation system. Inputs can be assigned as either HDMI or VGA with associated L/R analogue audio.

Perfect for a large reception display or hospitality TV, the MX44VW makes the integration of multiple sources with a 2x2 video wall a seamless experience.

#### Key Features

- Features 4 x video inputs that can be configured as HDMI video or VGA video with associated L/R analogue audio instantaneous seamless video switching (Matrix and Video Wall modes)
- Control via front panel, IR, RS-232, TCP/IP and the Blustream matrix App
- 3rd party control drivers available for all major control brands

#### Features 3 operational modes:

- 4x4 Seamless Switching Matrix (HDMI or VGA inputs)
- Video Wall (2x2, 4x1 or 1x4 configuration)
- Multi-Viewer mode with preset layouts



# Simplified Boardroom Automation



## HD11CTRL HDMI In-line Controller

With our discreet one-box solution, clever meeting room automation can be triggered upon movement, signal sensing or the simple press of a button. Ideal for any classroom, the HD11CTRL can be integrated to activate simultaneous commands for items such as blinds, projectors, lighting and displays. Equally, when a room is unoccupied, the HD11CTRL can send multiple power down signals to devices to ensure effective energy management.

The HD11CTRL will also help with HDMI compatibility, HDCP 2.2, clock stretching, EDID and handshaking issues that can be common problems when distributing HDMI signals especially 4K. The HD11CTRL supports full HDMI 2.0 and HDCP 2.2 with video resolutions up to and including 4K @ 60Hz 4:4:4.

### Key Features

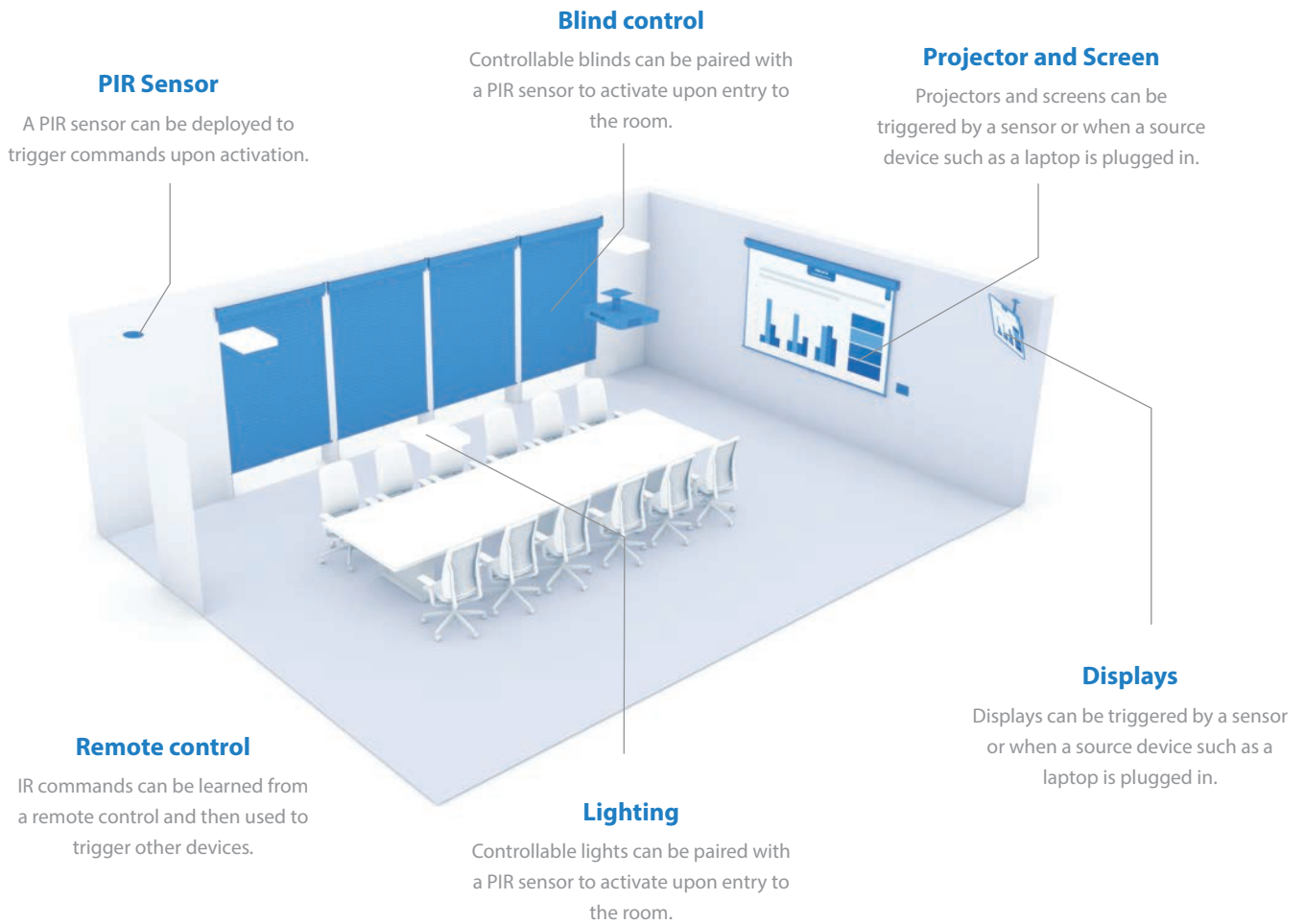
- Automatic display On / Off control via CEC, RS-232 or IR
- Relay control for interface to third party devices such as automated projector screens
- Contact closure input for connection from third party devices such as sensors or switches
- Configurable time delays and macros





# Seamless Integration

Take room efficiency to a whole new level with our HD11CTRL automation processor. Trigger your predefined set up upon room occupancy. Turn on lighting, lower blinds and prepare all AV equipment for presenting without having to press a button.



## SW41HDBT

# 4-Way HDBaseT™ / HDMI Input Switch

Our SW41HDBT is a 4-Way HDMI 2.0 4K 60Hz 4:4:4 HDBaseT™ switch utilising CSC technology to deliver HDMI and HDBaseT™ inputs to simultaneous HDMI / HDBaseT™ outputs.

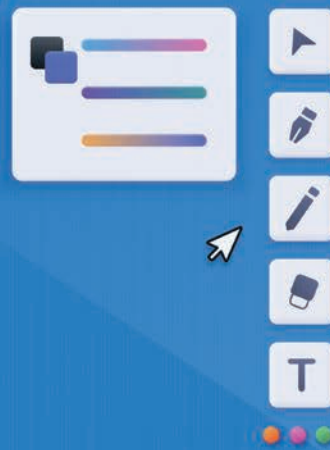
### Key Features

- Compatible with all Blustream HDBaseT™ transmitters and receivers
- Web interface module for configuration and control of switch
- HDCP 2.2 compliant with advanced EDID management
- Manual or auto source selection with control via front panel, IR, RS-232 and TCP/IP
- Audio breakout to analogue L/R audio and Toslink (S/PDIF) digital outputs concurrently





# CHDBT<sup>®</sup> ASE Wallplates



## HEX31WP-TX

### 2 x HDMI & 1 x USB-C Wall Plate HDBaseT™ Transmitter

Our HEX31WP-TX HDMI/USB-C wall plate HDBaseT™ Transmitter is a multi-format 4K input switcher solution delivering HDMI and USB-C inputs up to 70m at 1080p (40m 4K 60Hz 4:2:0). The HEX31WP-TX features both manual or automated source selection and includes display on / off control via CEC, RS-232 and IR (via compatible HDBaseT™ receivers / Matrix).

#### Key Features

- Features 2 x HDMI & 1x USB-C inputs with manual / auto source selection
- Advanced HDBaseT™ technology offering distribution of video and audio over a 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)
- Extends HDMI at 1080p up to a distance of 70m



## HEX31WPB-TX

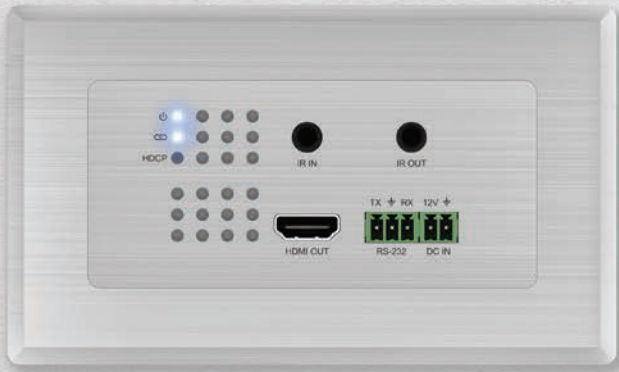
2 x HDMI & 1 x USB-C Wall Plate  
HDBaseT™ Transmitter - Black



#### Mounting the HEX31WP-TX

The HEX31WP-TX has been designed to fit into a standard UK or European double-gang backbox.





## HEX11WP-RX HDMI Wall Plate HDBaseT™ Receiver

Our HEX11WP-RX HDMI Wall Plate HDBaseT™ receiver is a 4K solution designed to receive HDMI signals up to 70m at 1080p (40m at 4K 60Hz 4:2:0).

### Key Features

- Advanced HDBaseT™ technology offering distribution of video and audio over a 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)
- Extends HDMI at 1080p up to a distance of 70m
- Supports CEC and RS-232 pass through

## HEX11WP-TX HDMI Wall Plate HDBaseT™ Transmitter

Our HEX11WP-TX HDMI Wall Plate HDBaseT™ Transmitter is a 4K solution that extends HDMI up to 70m at 1080p (40m 4K 60Hz 4:2:0). The HEX11WP-TX has been designed to work with all Blustream HDBaseT™ receiver and matrix solutions, can be installed in both UK and European back boxes, and can be powered locally or from compatible Blustream HDBaseT™ products.

### Key Features

- Advanced HDBaseT™ technology offering distribution of video and audio over a single CAT cable
- Supports IR pass-through to HDBaseT™ receiver / matrix device
- 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)
- Extends HDMI at 1080p up to a distance of 70m



**HEX11WPB-TX**  
HDMI Wall Plate HDBaseT™  
Transmitter - Black

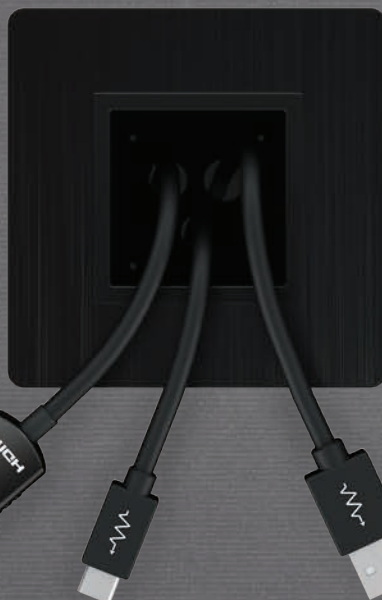
### Mounting the HEX11WP-TX

The HEX11WP-TX has been designed to fit into a standard UK or European double-gang backbox.





# USB & KVM Commercial Solutions



## TTG-1EU Single Euro Module Table Top Grommet

Our TTG-1EU is a single Euro Module mounting grommet designed to be mounted into a table top or lectern.

## HEX70HDUK-TT Table Top Enclosure

The HEX70HDUK-TT is a table top enclosure designed to provide a secure solution for mounting of the HEX70HDUK Transmitter into a table top.



## HEX70HDUK-KIT Multi Format HDBaseT™ CSC Extender Set

The HEX70HDUK-KIT extender set is an industry leading HDMI2.0 4K 60Hz 4:4:4 (18Gbps) HDCP2.2 HDBaseT™ multi-format solution utilising CSC technology to deliver HDMI, USB-C and DisplayPort™ up to lengths of 40m (70m at 1080p) over a single CAT cable.\*



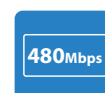
\* HEX70HDUK-KIT sold as transmitter and receiver kit. HEX70HDUK-TT enclosure sold separately.

## UEX50B-KIT USB 2.0 Extender Set - 50m

Our UEX50B-KIT delivers USB 2.0 extension up to 50m over a single CAT cable, allowing up to 4 x USB peripheral devices to be connected to a single USB host with charging / power. Supports a combined transmission data bandwidth of up to 480Mbps, and is backwards compatible with USB 1.1 devices.

### Key Features

- Extends USB up to a distance of 50m over a single CAT cable
- Supports USB 2.0 signal extension
- Backwards compatible with USB 1.1 devices
- Combined transmitted data bandwidth up to 480Mbps





## UEX100E-KIT

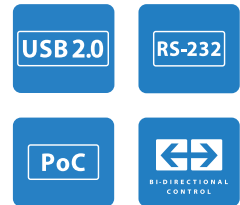
# USB 2.0 HDBaseT™ Extender Set - 100m

The UEX100E-KIT is a USB extender kit utilising HDBaseT™ technology to extend USB 2.0 data, 2ch analogue audio, and control signals up to 100m over a single CAT cable. The UEX100E-KIT allows up to 4x USB devices to be connected to a single USB host with support for a combined transmission data bandwidth of up to 480Mbps, and is backwards compatible with USB 1.1 devices.



### Key Features

- Extends USB up to a distance of 100m over a single CAT cable using HDBaseT™ technology
- Supports USB 2.0 signal extension
- Backwards compatible with USB 1.1 devices
- Transmitted data bandwidth up to 480Mbps (combined)
- Bi-directional Ethernet pass-through (100Mbps)



## HEX70USB-KIT

# HDBaseT™ USB 2.0 Extender Set - 70m

The HEX70USB-KIT 4K HDBaseT™ USB 2.0 extender set offers the very best in performance and flexibility, delivering HDMI to lengths of 70m (4K 60Hz 4:2:0 to 40m), USB 2.0 extension, bi-directional IR and RS-232, HDMI audio breakout, bi-directional PoC, and advanced EDID management. HDCP2.2 compliant.



### Key Features

- Advanced HDBaseT™ technology offering uncompressed video and audio with zero latency
- USB Type-A connections support 5V 500mA output per port
- Supports 4K UHD video up to 40m
- Extends HDMI 1080p up to a distance of 70m over a single CAT cable



## MX44KVM

# 4x4 USB 3.0 KVM Matrix

The MX44KVM is a USB 3.0 Matrix allowing 4x USB peripheral devices to be shared between 4x host devices, supporting plug-and-play capabilities, and USB data transfer rates up to 5Gbps.



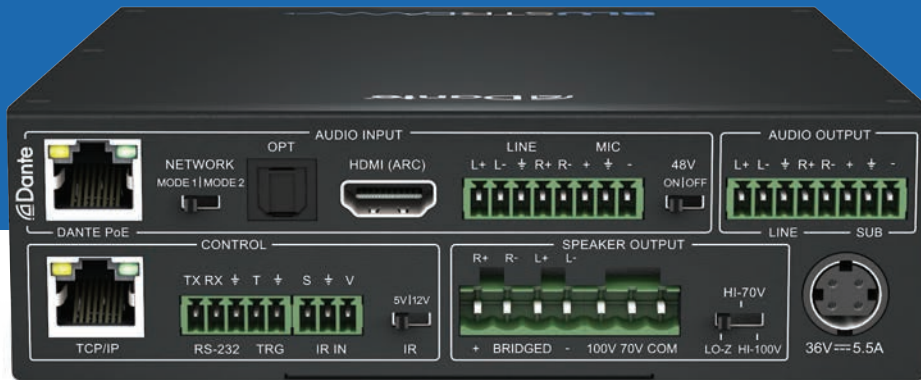
### Key Features

- 4x4 USB KVM Matrix allowing up to 4 x USB peripheral devices to be shared between 4 x host devices
- USB 3.0 connectivity with data transfer rates up to 5Gbps
- Backwards compatible with USB 2.0 and 1.1
- Plug-and-play with no drivers, downloads, or software required



# Dante®

## Networked Audio Distribution



### NPA100DA Networked Power Amplifier with Dante®

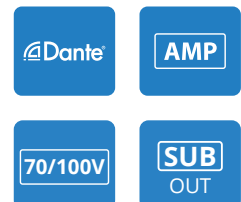
Our NPA100DA networked audio zone amplifier delivers advanced audio integration within a corporate or commercial environment. The NPA100DA features a 2x 50W digital amplifier (1 x 100W mono) or 70V / 100V hi-level constant voltage output, dedicated LFE subwoofer output, Dante® audio integration and 2ch balanced / un-balanced audio outputs.

#### Audio inputs:

- 2ch Dante®/AES67 audio input
- HDMI ARC with CEC volume control
- MIC audio input with Phantom power and auto-ducking
- 2ch Analogue audio input – unbalanced & balanced
- 1 x Optical (S/PDIF) audio input

#### Audio Outputs:

- 2ch Dante®/AES67 audio output
- 2ch variable/fixed analogue output, balanced/un-balanced
- 1 x LFE subwoofer output



### DA44AU 4x4 Dante® Digital Audio Converter

Our DA44AU is a four input / four output Dante® digital audio converter. The DA44AU allows any non-Dante® audio source such as mixing consoles, amplifiers, computers and Blustream Matrix / distribution products to be connected as an audio source within a Dante® network, as well as converting a Dante® signal back to an analogue audio signal.



#### Key Features

- Features 4 x analogue audio inputs that are converted to a Dante® compatible signal
- Features conversion of 4 x Dante® signals to analogue audio outputs
- Analogue audio inputs support both balanced and unbalanced audio + MIC line level signals
- MIC line level supports 48V Phantom power



# Blustream Dante® Integration

At Blustream we have developed an intuitive range of dedicated Dante® networked audio solutions. The range includes signal converters, amplifiers and Video over IP integration.



## DA11ADE Dante® Audio Analogue Decoder

Our DA11ADE has been designed to decode a Dante® digital signal to unbalanced or balanced 2ch analogue audio.

### Key Features

- Supports 44.1, 48 & 96 KHz sample rates @ 24 Bit
- Configurable Dante® device latency (supports 1, 2 or 5ms configurable using Dante® Controller)
- Supports AES67 RTP audio transport
- Features Class 1 802.3af PoE for powering of product from any PoE switch

## DA11AEN Dante® Audio Analogue Encoder

Our DA11AEN has been designed to encode unbalanced or balanced 2ch analogue audio to Dante® digital signal.

### Key Features

- Supports 44.1, 48 & 96 KHz sample rates @ 24 Bit
- Configurable Dante® device latency (supports 1, 2 or 5ms configurable using Dante® Controller)
- Supports AES67 RTP audio transport
- Features Class 1 802.3af PoE for powering of product from any PoE switch

## DA11USB Dante® USB Audio Encoder / Decoder

Our DA11USB has been designed to both encode 2ch USB audio to a Dante® digital signal, and decode a Dante® digital signal to 2ch USB audio. Featuring both USB Type-B and USB-C connections and powered from PoE or direct from the USB connection. The DA11USB is a plug and play device which also supports AES67 RTP audio transport.

### Key Features

- Encodes 2ch USB audio to Dante® digital signal
- Decodes a Dante® digital signal to 2ch USB audio
- Selectable USB audio between USB Type-B and USB-C inputs
- Configurable Dante® device latency (supports 1, 2 or 5ms configurable using Dante® Controller)





# Presentation Switchers

## Enhance any meeting environment



### AMF42AU

## 4x2 Advanced Multi Format Presentation Switcher

Our AMF42AU is an advanced 4K 4x2 HDMI 2.0 4K 60Hz 4:4:4 HDCP 2.2 multi-format presentation switcher featuring 3 x HDMI 2.0 and 1 x USB-C input to 2 x HDMI 2.0 / 1x HDBaseT™ output.

The AMF42AU provides enhanced features including seamless switching, independent video scaling on outputs, MIC input with audio mixing and 48V phantom power, PoC to power a Blustream compatible HDBaseT™ receiver.

The AMF42AU also features Web GUI for control and configuration, source and display control via CEC, RS-232 and IR, manual or automated source selection, IR pass-through and control via front panel, IR, RS-232 and TCP/IP.

The AMF42AU is an ideal product for your boardroom, conference room, or huddle-space application.

### Key Features

- Seamless source switching with manual or auto source selection
- MIC input supports line level or 48V Phantom power
- Advanced Colour Space Conversion (CSC) supports HDMI 2.0 18Gbps specification
- Dual HDMI / HDBaseT™ on output 2
- Features MIC mixer over source audio with independent level adjustment (MIC ducking)



## MFP112

# 11 Input 2 Output Multi-Format Presentation Switch

Our MFP112 is a multi-format presentation switcher within-built video scaling, audio embedding, de-embedding, EDID management and HDBaseT™ input and output. The MFP112 works in 2 modes, first as a 11 input dual output switcher, alternatively each output can work independently with HDMI output 1 routing the 1x HDBaseT™ & 4 x HDMI inputs only and output 2 switching all 11 video + audio inputs.



### Key Features

- Multi-format presentation device featuring HDMI, HDBaseT™, VGA, Component and Composite video inputs to HDMI and HDBaseT™ outputs
- HDBaseT™ output (output 2) for distribution of video sources up to 100m (4K up to 70m) with bi-directional IR, RS-232, LAN serving and EDID management
- Built-in video scaling, both up-scaling (maximum of 1080p) and down-scaling capabilities (including 4K to lower resolutions)



## MFP72

# 7 Input 2 Output Multi-Format Presentation Switch

Our MFP72 is a multi-format presentation switcher with in-built video scaling, audio embedding / de-embedding, and advanced EDID management. The MFP72 works in 2 modes, first as a 7 input dual output switcher (7:1 x 2), alternatively each output can work independently with Output 1 routing the 4 x HDMI inputs only (4:1 up to 4K) and Output 2 switching all 7 video/audio inputs (7:1 up to 1080p).



### Key Features

- Multi-format presentation device featuring HDMI, VGA, Component and Composite video inputs to HDMI outputs
- Audio embedding - independent analogue L/R audio input can be embedded to HDMI outputs & Analogue L/R audio and Coaxial digital outputs concurrently
- Volume control - controls volume output of HDMI, Analogue L/R audio and Coaxial digital outputs



## MFP62

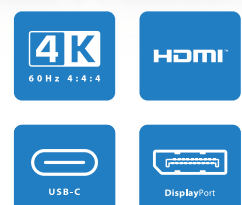
# 6 Input 2 Output Multi-Format Presentation Switch

Our MFP62 is an advanced 4K multi-format presentation switch featuring 3 x HDMI, 1 x USB-C, 1 x DisplayPort™ and 1 x VGA input to dual HDMI outputs. The MFP62 provides enhanced features including video scaling on output, MIC input with Phantom power and audio mixing. The MFP62 also features Web GUI for control and configuration, analogue audio embedding, audio de-embedding, and control via front panel, IR, RS-232 and TCP/IP.



### Key Features

- Features 3 x HDMI, 1 x USB-C, 1 x DisplayPort™ & 1 x VGA input which can be routed to dual HDMI outputs
- Supports resolutions up to 4K UHD 60Hz 4:4:4
- Features MIC mixer over source audio with independent level adjustment (MIC ducking)
- Audio breakout to analogue L/R audio and Coaxial (S/PDIF) digital outputs concurrently



# HDBaseT™ Extenders

## Commercial Essentials

Blustream are a market leader for HDMI distribution solutions. Our award winning range of HDBaseT™ extenders ensure seamless distribution of 4K HDMI up to lengths of 100m. Additional features including Ethernet pass-through, RS-232 and audio breakout are included on key products to ensure our partners can specify the correct product for the specific application.

### HEX18GARC-KIT

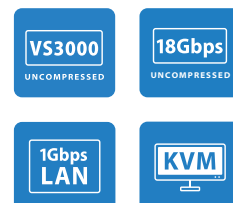
## Advanced HDBaseT™ Extender Set - 100m

The HEX18GARC-KIT extender set is an industry leading uncompressed, unconverted HDMI 2.0 4K 60Hz 4:4:4 solution utilising the latest HDBaseT™ technology. This advanced solution also delivers enhanced features including an industry leading 1Gb pass Ethernet pass through, KVM, eARC / ARC via HDMI or Optical (S/PDIF).



#### Key Features

- Supports HDMI2.0 18Gbps specification including 4K 60Hz 4:4:4 UHD video
- Supports uncompressed distribution of HDR resolutions including HDR10/10+ and Dolby Vision
- Features 1x HDMI loop-out on the TX for integrating local displays or cascading to multiple devices
- Features USB 2.0 for KVM with speeds of up to 350Mbps
- Bi-directional Ethernet (1Gb), IR, & RS-232 pass through



### HEX150CS-KIT

## HDBaseT™ CSC Extender Set - 150m

Our Platinum Range of HDBaseT™ products offer the very best in performance and flexibility. The HEX150CS-KIT extender set is an industry leading HDMI 2.0 4K 60Hz 4:4:4 HDCP 2.2 HDBaseT™ solution utilising CSC technology with video down conversion. Supporting HDMI, bi-directional IR, RS-232 and PoC up to lengths of 150m over a single CAT cable.



#### Key Features

- Supports 4K 60Hz 4:4:4 UHD video up to 100m
- Extends HDMI 1080p video up to 150m (HDBaseT™ long-reach mode)
- Supports ARC (Audio Return Channel) from display via HDMI and optical digital inputs
- Bi-directional 10/100BaseT Ethernet pass-through
- Features 1 x HDMI loop-out on the TX for integrating local displays or cascading to multiple devices







## HEX100CS-KIT / HEX70CS-KIT HDBaseT™ CSC Extender Sets

Our HEX70CS and HEX100CS extender sets offer market leading features and outstanding value utilising CSC technology. These products extend HDMI, Bi-directional IR & RS-232 and Bi-directional PoC (Power over Cable) up to lengths of 100m (4K to 70m) on the HEX100CS and 70m (4K to 40m) on the HEX70CS.



### 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 1 x HDMI loop-out on the TX for integrating local displays or cascading to multiple devices
- HDMI audio breakout to analogue L/R audio and coaxial digital outputs concurrently
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K



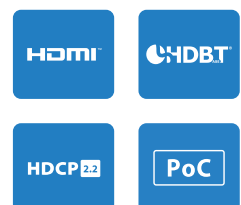
## HEX70SL-KIT Slimline HDBaseT™ Extender Set - 70m

The HEX70SL-KIT 4K HDBaseT™ extender set offers market leading features in a slimline chassis. The product delivers HDMI, Bi-directional IR and Bi-directional PoC up to lengths of 70m.



### Key Features

- Advanced HDBaseT™ technology offering uncompressed video and audio with zero latency
- Enhanced slimline chassis
- Extends HDMI 1080p up to a distance of 70m over a 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



# Switchers & Splitters

## Commercial Essentials

Blustream are a market leader for HDMI distribution solutions. Our award winning range of splitters and switchers ensure seamless distribution of HDMI signals in simple installations with up to 8 sources or screens. Additional features including audio breakout and auto switching are included to ensure our partners can achieve the flexibility they require in any AV installation.

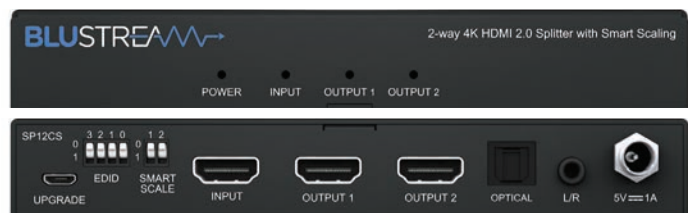
### 4K HDMI 2.0 Splitters

Our 4K HDMI 2.0 splitters distribute a single HDMI source to multiple simultaneous outputs with both digital (S/PDIF) and analogue audio breakout. The splitters support full HDMI 2.0 and HDCP 2.2 with video resolutions up to and including 4K @ 60Hz 4:4:4 with video down conversion on each output.

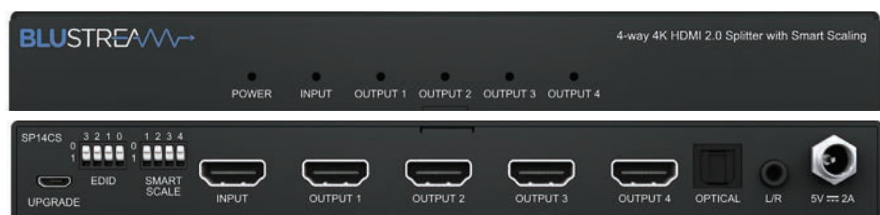
#### Key Features

- Supports HDMI 2.0 18Gbps specification including HDR
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- Supports up to 4K UHD 60Hz 4:4:4
- HDMI audio breakout to analogue L/R audio and optical (S/PDIF) digital outputs concurrently

#### SP12CS



#### SP14CS



#### SP18CS



#### Models & Description

|               |  |
|---------------|--|
| <b>SP12CS</b> | 2-Way 4K HDMI 2.0 HDCP 2.2 Splitter with Smart Scaling |
| <b>SP14CS</b> | 4-Way 4K HDMI 2.0 HDCP 2.2 Splitter with Smart Scaling |
| <b>SP18CS</b> | 8-Way 4K HDMI 2.0 HDCP 2.2 Splitter with Smart Scaling |



## HSP14CS

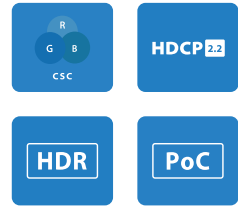
# 4-Way HDBaseT™ CSC Splitter

Our HSP14CS 4K HDBaseT™ CSC splitter distributes a single HDMI 2.0 4K 60Hz 4:4:4 source to four simultaneous HDBaseT™ outputs. Independent down-scaling of 4K video inputs to allow those displays only capable of supporting lower video resolutions to receive 4K video while still showing maximum original 4K UHD resolution on the higher-definition displays.



### Key Features

- Supports 4K 60Hz 4:4:4 UHD video up to 40m
- Extends HDMI 1080p up to a distance of 70m over single CAT cable
- Features 1 x HDMI loop out for integrating local displays or cascading to multiple devices
- HDMI audio breakout to both analogue L/R audio and coaxial digital outputs concurrently
- Advanced Colour Space Conversion (CSC) supports HDMI 2.0 18Gbps specification including HDR



## SW21AB-V2

# 2-Way 4K HDMI 2.0 Switch

Our SW21AB-V2 is a 2-way HDMI switch with integrated audio breakout. The switch supports full HDMI 2.0 and HDCP 2.2 with video resolutions up to and including 4K @ 60Hz 4:4:4.



### Key Features

- Features 2 x HDMI inputs which can be switched to a single HDMI output
- Auto-switching (HPD sensing) capabilities can be enabled / disabled
- Supports full HDMI 2.0 specification 4K UHD video (4K @60Hz 4:4:4)
- Control via front panel and IR (remote control included)



## SW41AB-V2

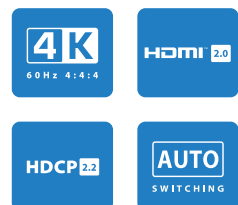
# 4-Way 4K HDMI 2.0 Switch

Our SW41AB-V2 is a 4-Way HDMI switch with integrated audio breakout. The switch supports full HDMI 2.0 and HDCP 2.2 with video resolutions up to and including 4K @ 60Hz 4:4:4.



### Key Features

- Features 4 x HDMI inputs which can be switched to a single HDMI output
- Auto-switching (HPD sensing) capabilities can be enabled / disabled
- Supports full HDMI 2.0 specification 4K UHD video (4K @60Hz 4:4:4)
- Control via RS-232, front panel and IR (remote control included)







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To see the full range of Blustream AV distribution solutions please visit our website - [www.blustream.co.uk](http://www.blustream.co.uk)



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