BLUSTREAM

PRODUCT CATALOGUE
2025

**AV Distribution
Without Compromise**

BLUSTREAM

10 YEAR ANNIVERSARY

About Blustream

Founded in Melbourne, Australia, Blustream is the creation of an ambitious team of AV product managers. Utilising a wealth of experience within the consumer electronics and multi-room AV industry, the team takes pride in delivering AV distribution products that offer more for the AV architect and installer, more in terms of performance and reliability, and more in terms of value for money.

Global Presence

Collaborating with a product development team across three continents gives us a unique advantage in gathering essential market feedback from a global perspective. This approach has allowed us to create a range of distribution solutions with unmatched real-world features, enhancing the performance and adaptability of AV products in any installation environment.

Global HQ Melbourne, Australia

Our regional headquarters are strategically located in Australia, the UK, Spain, and the USA. From these locations, our experienced product managers are readily available to provide real-time sales and technical support to our customers. With state-of-the-art testing and training facilities, we ensure our products can be installed with unmatched confidence. Additionally, we proudly offer 24/6 technical support through phone, email, and live chat, delivering exceptional service to our sales partners worldwide.

Why choose Blustream?

Industry leading performance and reliability

Products supported by a standard 5 year warranty

Extensive roadmap for new product development

24/6 technical support for total peace-of-mind

Local warehousing enables next day delivery to most regional locations

Blustream is proud to partner with the world's finest AV technology platforms.

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

HDBT™

SDVoE ALLIANCE

Dolby

dts™

Dante®

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Contents

Video Over IP

- SDVoE - 4K 60Hz 4:4:4 over 10Gbps Network
- 4K 60Hz 4:4:4 over 1Gbps Network
- 4K 60Hz 4:2:0 over 1Gbps Network
- HD Video over 100Mbps Network
- Advanced Control Module & Accessories

SDVoE ALLIANCE   Dante

Video over IP

IP500UHD-TZ

UHD Video Transceiver over 10Gb Managed Network

• SDVoE - 4K 60Hz 4:4:4 over 10Gbps Network with zero latency

• Selectable transceiver - can be an encoder or decoder

• Scaled output, Video Wall, Multi-View, 1Gbps LAN, USB 1.1 for KVM

• SFP+, EDID Management, Bi-directional IR & RS-232, PoE+

4K 60Hz 4:4:4 | **ZERO LATENCY** | **MULTIVIEW** | **1Gbps LAN** | **KVM**

ACM500

Advanced Control Module for IP500 Series Multicast Systems

• Web interface module for configuration and control of Blustream IP500UHD and IP510UHD SDVoE 10Gb Multicast systems

• Intuitive 'drag & drop' source selection with video preview feature for active monitoring of system status

dragand droptv | **3rd PARTY CONTROL** | **PoE** | **RS-232 CONTROL** | **VIDEO IP OVER**

IP510UHD-TZ

Simultaneous UHD Video Transceiver over 10Gb Managed Network

The Blustream IP510UHD Transceiver is a SDVoE compliant AV over IP solution that provides the highest-quality, uncompromised 4K with zero latency Audio/ Video extension over copper or optical fibre 10G network. The IP510UHD-TZ includes support for HDMI 2.0 including distribution of HDR (High Dynamic Range), 10/12-bit colour content and multi-channel HD audio signals.

The IP510UHD-TZ delivers advanced features including transmission of multiple control and data signals alongside audio and video, including IR, RS-232, USB1.1 (KVM), 1Gb Ethernet, and powered over PoE+.

Key Features

• Advanced 18Gbps UHD Video over 10Gb network with visually lossless compression and zero latency

• Supports HDMI 2.0 18Gbps specification with pass-through for up to 4K 60Hz 4:4:4 and 10/12-bit HDR sources, including Dolby Vision

• Supports video scaling and seamless switching

• Supports all known HDMI audio formats including Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission

• Features 4 operational modes:
   - Matrix distribution (requires 10Gb network switch)
   - Video wall (requires 10Gb network switch)
   - Multi-view mode (requires 10Gb network switch)
   - One-to-one HDMI extender (no network switch required)

• Supports fixed signal routing function for IR, RS-232, CEC and USB

4K 60Hz 4:4:4 | **BI-DIRECTIONAL CONTROL** | **PoE+** | **SEAMLESS SWITCHING** | **VIDEO SCALING**

IP350UHD-TX

Dante® enabled 4K 60Hz 4:4:4 video over 1Gb Network - Transmitter

• 4K 60Hz 4:4:4 over 1Gbps Network with 1-frame latency
• Dante, Audio Embedding / Breakout, EDID Management
• SFP, Bi-directional USB / KVM, IR & RS-232, PoE
• Compatible with IP350UHD-RX, IP300UHD-TX & RX

IP300UHD-TX

4K 60Hz 4:4:4 video over 1Gb Network - Transmitter

• 4K 60Hz 4:4:4 over 1Gbps Network with 1-frame latency
• Audio Embedding / Breakout, EDID Management
• SFP, Bi-directional USB / KVM, IR & RS-232, PoE
• Compatible with IP300UHD-RX, IP350UHD-TX & RX

IP350UHD-RX

Dante® enabled 4K 60Hz 4:4:4 video over 1Gb Network - Receiver

• 4K 60Hz 4:4:4 over 1Gbps Network with 1-frame latency
• Dante, Audio Breakout, Scaled output, Video Wall capabilities
• SFP, Bi-directional USB / KVM, IR & RS-232, PoE
• Compatible with IP350UHD-TX, IP300UHD-TX & RX

IP300UHD-RX

4K 60Hz 4:4:4 video over 1Gb Network - Receiver

• 4K 60Hz 4:4:4 over 1Gbps Network with 1-frame latency
• Audio Breakout, Scaled output, Video Wall capabilities
• SFP, Bi-directional USB / KVM, IR & RS-232, PoE
• Compatible with IP300UHD-TX, IP350UHD-TX & RX

IP300UHD-WP-TX

NEW

4K HDMI & USB-C Video over IP Wall Plate - Transmitter

• 4K 60Hz 4:4:4 over 1Gb Network
• HDMI & USB-C Video inputs
• Advanced EDID Management
• USB-C PD power input

Video over IP

IP250UHD-TX

Dante® enabled 4K video over 1Gb Network - Transmitter

• 4K 60Hz 4:2:0 over 1Gbps Network with 1-frame latency

• Dante, Audio Embedding / Breakout, EDID Management

• SFP, Bi-directional USB / KVM, IR & RS-232, PoE

• Compatible with IP250UHD-RX, IP200UHD-TX & RX

IP200UHD-TX

4K video over 1Gb Network - Transmitter

• 4K 60Hz 4:2:0 over 1Gbps Network with 1-frame latency

• Audio Embedding / Breakout, EDID Management

• Bi-directional USB / KVM, IR & RS-232, PoE

• Compatible with IP200UHD-RX, IP250UHD-TX & RX

IP250UHD-RX

Dante® enabled 4K video over 1Gb Network - Receiver

• 4K 30Hz over 1Gbps Network with 1-frame latency

• Dante, Audio Breakout, Scaled output, Video Wall capabilities

• SFP, Bi-directional USB / KVM, IR & RS-232, PoE

• Compatible with IP250UHD-TX, IP200UHD-TX & RX

IP200UHD-RX

4K video over 1Gb Network - Receiver

• 4K 30Hz over 1Gbps Network with 1-frame latency

• Audio Breakout, Scaled output, Video Wall capabilities

• Bi-directional USB / KVM, IR & RS-232, PoE

• Compatible with IP200UHD-TX, IP250UHD-TX & RX

IP50HD-TX

Contractor Series HD Video Transmitter over 100Mbps Network

• 1080p with 2ch audio over 100Mbps Network

• Audio Embedding / Breakout, EDID Management

• Bi-directional USB 1.1 for KVM, IR & RS-232, PoE

1080p | **BI-DIRECTIONAL CONTROL** | **EDID MANAGEMENT** | **HDMI 1.4** | **PoE**

ACM210

Advanced Control Module

• Web interface module for configuration and control of IP50, IP200, IP250, IP300, and IP350UHD Blustream Multicast systems

• Intuitive 'drag & drop' source selection with video preview feature for active monitoring of system status

• Auto system configuration

draganddroptv | **VIDEO OVER IP** | **RS-232 CONTROL** | **IP CONTROL** | **PoE**

IP50HD-RX

Contractor Series HD Video Receiver over 100Mbps Network

• 1080p 2ch audio over 100Mbps Network

• Audio Breakout, Scaled output

• Bi-directional USB 1.1 for KVM, IR & RS-232, PoE

1080p | **BI-DIRECTIONAL CONTROL** | **HDMI 1.4** | **KVM** | **PoE**

RSU-2RU

Universal 2U Rack Shelf Unit

• 2U 19" Multicast Rack Mount Unit

• Mounts 4 x Multicast transmitter or receiver products

RSU-3RU

Universal 3RU Rack Shelf Unit

• 3RU 19" Multicast Rack Mount Unit

• Mounts 4 x Multicast IP510UHD-TZ transceiver products

RSU-6RU

Universal 6U Rack Shelf Unit with 8 x Vertical Blade Shelves

• 6U 19" rack shelf enclosure

• 8 x removable vertical blade shelves with ventilation

HDBaseT™ Solutions

- Platinum HDBaseT™ Matrix

- HDBaseT™3 Matrix

- Essential 4K HDBaseT™ AV Matrix

- Contractor Series HDBaseT™ Matrix

- HDBaseT™ Splitter & Switcher

- HDBaseT™ Wall Plate Transmitters

- HDBaseT™3 Extender Sets

- HDBaseT™ Extender Sets

HDBaseT™ Solutions

PLA88CS

Platinum 8x8 HDBaseT™ CSC AV Matrix with Audio Downmixing - 150m

The PLA88CS is a 4K HDMI 2.0 8x8 Matrix, distributing HDMI, ARC, LAN, Bi-directional IR / RS-232 and PoC up to lengths of 150m (1080p) over a single CAT cable.

Advanced optional features include dual HDMI and HDBaseT™ outputs featuring CSC for support of 4K resolutions including 4K 60Hz 4:4:4 colour space, and HDR, with independent down-scaling of 4K video to allow those displays only capable of supporting lower video resolutions to receive 4K video while still showing maximum original UHD resolution on the higher-definition displays.

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

• 4x Simultaneous HDBaseT™ and HDMI outputs to allow connection to dual displays per zone

• Extends HDMI up to distance of 150m at 1080p, and 4K UHD video up to 100m (up to 4K 60Hz 4:4:4) using LRM (Long Range Mode)

Recommended TX and RX:

TX150CS - Long Range CSC Transmitter

Advanced HDBaseT™ Transmitter supporting uncompressed and unconverted HDMI 2.0 4K 60Hz 4:4:4 up to 100m

RX150CS - Long Range CSC Receiver

Advanced HDBaseT™ Receiver supporting uncompressed and unconverted HDMI 2.0 4K 60Hz 4:4:4 up to 100m

HMX88-18G

8x8 HDBaseT™3 AV Matrix

• Uncompressed / unconverted 4K 60Hz 4:4:4 to 100m

• HDMI / Optical Audio Return, Audio Embedding & Breakout

• 2x dual HDMI/HDBT outputs, Bi-directional RS-232, IR, PoC to RX

Recommended RX:

RX18G - HDBaseT™3 Receiver

Advanced HDBaseT™ Receiver supporting uncompressed and unconverted HDMI 2.0 4K 60Hz 4:4:4 up to 100m

HMX44-18G-KIT

4x4 HDBaseT™3 AV Matrix Kit

• Uncompressed / unconverted 4K 60Hz 4:4:4 to 100m

• HDMI / Optical Audio Return, Audio Embedding & Breakout

• 1x dual HDMI/HDBT output, Bi-directional RS-232, IR, PoC to RX

Supplied with:

RX18G - HDBaseT™3.0 Receiver

Advanced HDBaseT™ Receiver supporting uncompressed and unconverted HDMI 2.0 4K 60Hz 4:4:4 up to 100m

HMXL88ARC
8x8 HDBaseT™ CSC ARC Matrix - 70m

• 4K 60Hz 4:4:4 using CSC to 40m (70m at 1080p)
• HDMI / Optical Audio Return, Audio Embedding & Breakout
• 1x dual HDMI/HDBT output, Bi-directional RS-232, IR, PoC to RX

4K 60Hz 4:4:4	HDBT	ARC	AUDIO BREAKOUT	PoC

HMXL44ARC-KIT
4x4 HDBaseT™ CSC ARC Matrix Kit - 4K 60Hz 4:4:4

• 4K 60Hz 4:4:4 using CSC to 40m (70m at 1080p)
• HDMI / Optical Audio Return, Audio Embedding & Breakout
• 1x dual HDMI/HDBT output, Bi-directional RS-232, IR, PoC to RX

4K 60Hz 4:4:4	HDBT	ARC	AUDIO BREAKOUT	PoC

HMXL66ARC
6x6 HDBaseT™ CSC ARC Matrix - 70m

• 4K 60Hz 4:4:4 using CSC to 40m (70m at 1080p)
• HDMI / Optical Audio Return, Audio Embedding & Breakout
• 1x dual HDMI/HDBT output, Bi-directional RS-232, IR, PoC to RX

4K 60Hz 4:4:4	HDBT	ARC	AUDIO BREAKOUT	PoC

HMXL42ARC-KIT
4x2 HDBaseT™ CSC ARC Matrix Kit - 70m

• 4K 60Hz 4:4:4 using CSC to 40m (70m at 1080p)
• HDMI / Optical Audio Return, Audio Breakout
• 1x dual HDMI/HDBT output, Bi-directional RS-232, IR, PoC to RX

4K 60Hz 4:4:4	HDBT	ARC	AUDIO BREAKOUT	PoC

Recommended with the HMXL88ARC / HMXL66ARC:

RX70CS - HDBaseT™ CSC Receiver - 70m

HDBaseT™ Receiver supporting 4K 60Hz 4:4:4 (18Gbps)

Receiver supplied with the HMXL44ARC-KIT / HMXL42ARC-KIT:

RX70CS - HDBaseT™ CSC Receiver - 70m

HDBaseT™ Receiver supporting 4K 60Hz 4:4:4 (18Gbps)

HDBaseT™
Solutions

C88CS
Contractor 8x8 HDBaseT™ CSC Matrix - 70m

• 4K 60Hz 4:4:4 using CSC to 40m (70m at 1080p)
• Bi-directional IR, PoC to RX
• EDID Management, IP, RS-232 & IR control

C66CS
Contractor 6x6 HDBaseT™ CSC Matrix - 70m

• 4K 60Hz 4:4:4 using CSC to 40m (70m at 1080p)
• Bi-directional IR, PoC to RX
• EDID Management, IP, RS-232 & IR control

Recommended Receiver with C88CS and C66CS:

RX70CS - HDBaseT™ CSC Receiver - 70m
HDBaseT™ Receiver supporting 4K 60Hz 4:4:4 (18Gbps)

C44CS-KIT
Contractor 4x4 HDBaseT™ CSC Matrix Kit - 70m

• 4K 60Hz 4:4:4 using CSC to 40m (70m at 1080p)
• Bi-directional IR, PoC to RX
• EDID Management, IP, RS-232 & IR control
• Supplied with 4x RX70CSL receivers

HSP14CS
4-Way HDBaseT™ CSC Splitter - 70m

• 4K 60Hz 4:4:4 using CSC to 40m (70m at 1080p)
• Audio Breakout & EDID Management
• Bi-directional IR & RS-232, PoC to RX

Recommended RX:

HEX70CS-RX - HDBaseT™ CSC Receiver - 70m
HDBaseT™ Receiver supporting 4K 60Hz 4:4:4 (18Gbps)

SW41HDBT
4-Way HDBaseT™ / HDMI Input Switch

• 2 x HDMI 2.0 & 2 x HDBaseT™ inputs which can be auto-switched to simultaneous HDBaseT™ / HDMI outputs
• 4K 60Hz 4:4:4 using CSC to 40m (70m at 1080p)
• Audio Breakout, IP, RS-232 & IR control

Recommended TX:

HEX11WPW-TX - HDMI Wall Plate HDBaseT™ Transmitter
HDBaseT™ Wall Plate Transmitter supporting 4K 60Hz 4:2:0 to 40m

Recommended RX:

RX70CS - HDBaseT™ CSC Receiver - 70m
HDBaseT™ Receiver supporting 4K 60Hz 4:4:4 (18Gbps)

US   EU/UK

US   EU/UK

HEX31WPW-TX-US / EU

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

Our HEX31WPW-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 HEX31WPW-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

• 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

4K 60Hz 4:2:0	HDBT	HDMI	USB-C	**AUTO** SWITCHING

Mounting the Wall Plates

Our HEX31WPW-TX / HEX11WPW-TX are available in differing sizes to fit into US Decora or UK / EU style back boxes.

HEX11WPW-TX-US / EU

HDMI Wall Plate HDBaseT™ Transmitter

Our HEX11WPW-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 HEX11WPW-TX has been designed to work with all Blustream HDBaseT™ receiver and matrix solutions, can be installed in US, 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

4K 60Hz 4:2:0	HDBT	HDMI	BI-DIRECTIONAL CONTROL	**PoC**

Recommended RX (no RS-232):

HEX70SL-RX - Slimline HDBaseT™ Receiver - 70m
HDMI, Bi-directional IR and Bi-directional PoC up to lengths of 70m

Recommended RX (with RS-232):

HEX70CS-RX - HDBaseT™ CSC Receiver - 70m
HDBaseT™ Receiver supporting 4K 60Hz 4:4:4 (18Gbps)

HEX18GARC-KIT

Advanced HDBaseT™ Extender Set - 100m at 4K

• Uncompressed / unconverted 4K 60Hz 4:4:4 to 100m

• HDMI eARC/ARC, Optical Audio Return

• 1Gbps LAN, RS-232, IR, USB / KVM, Bi-directional PoC

HEX18G-KIT

Uncompressed 18Gbps HDBaseT™ Extender Set - 100m

• Uncompressed / unconverted 4K 60Hz 4:4:4 to 100m

• Bi-directional RS-232 & IR

• Bi-directional PoC

HEX150CS-KIT

HDBaseT™ CSC Extender Set - 150m

• 4K 60Hz 4:4:4 using CSC to 100m (150m at 1080p)

• HDMI ARC, Optical Audio Return, Audio Breakout

• 100Mbps LAN, RS-232, IR, Bi-directional PoC

HEX100CS-KIT / HEX70CS-KIT

HDBaseT™ CSC Extender Sets

• 4K 60Hz 4:4:4 using CSC

• HDMI Loop out on TX

• Bi-directional RS-232, IR & PoC

HEX100CS-KIT - 70m at 4K, 100m at 1080p
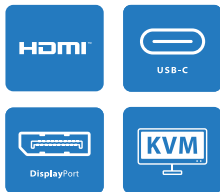HEX70CS-KIT - 40m at 4K, 70m at 1080p

HEX70HDUK-KIT

Multi-format HDBaseT™ CSC Extender Set - 70m

The HEX70HDUK-KIT extender set is an industry leading HDMI 2.0
4K 60Hz 4:4:4 (18Gbps) HDCP 2.2 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.

Key Features

• 4K 60Hz 4:4:4 using CSC to 40m
  (70m at 1080p)

• HDMI, USB-C & Display Port Inputs
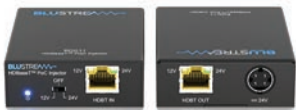
• USB / KVM, RS-232, IR,
  Bi-directional PoC

HEX70HDUK-TT

Table Top Enclosure for HEX70HDUK-KIT

NEW

POC11

HDBaseT™ 12-24V PoC (Power over Cable) Injector

• Bi-directional 12-24V power injection

• Compliant up to HDBaseT™3 specification

• Works with all Blustream HDBaseT™ extenders

HEX70USB-KIT

HDBaseT™ USB Extender Set - 70m

• 4K 60Hz 4:2:0 / 4K 30Hz 4:4:4 to 40m (70m at 1080p)

• USB / KVM - 280Mbps combined

• Bi-directional RS-232, IR & PoC

HEX70ARC-KIT

HDBaseT™ ARC Extender Set - 70m

• 4K 60Hz 4:2:0 / 4K 30Hz 4:4:4 to 40m (70m at 1080p)

• HDMI ARC & Optical Audio Return

• HDMI Loop out on TX, bi-directional IR & PoC

HEX70SL-KIT

Slimline HDBaseT™ Extender Set - 70m

• 4K 60Hz 4:2:0 / 4K 30Hz 4:4:4 to 40m (70m at 1080p)

• Bi-directional IR & PoC

• Slimline chassis

Custom Pro Matrix

- Custom Pro Hub
- Pre-configured Custom Pro Matrix
- Custom Pro Input & Control Cards
- Custom Pro Output Cards

HDMI™ HDBT™ -⚡ Dante®

Custom Pro Hub

Custom Pro Matrix supporting
signals up to 4K 60Hz 4:4:4

The Custom Pro Matrix achieves new levels of both AV distribution performance and installer flexibility. Integrators can now easily specify their desired I/O structure and choose the additional control features required for a specific project.

Key Features

• 2-Way and 4-Way interchangeable input & output boards

• Optional control boards: IR Routing, Audio Breakout, RS-232

• HDBaseT™ specifications include 4K 60Hz 4:4:4 and HDR capabilities using CSC (Colour Space Conversion)

• 8x8 and 16x16 chassis available allowing any I/O structure to be created from 2x2 up to 16x16

• Pre-configured models available

• Advanced HDBaseT™ technology offering video and audio with zero latency

• Web interface module for control and configuration of Matrix

• 3rd Party drivers available for major control brands

PRO88HBT100CS

8x8 HDBaseT™ CSC Matrix - 100m

• Supports 4K 60Hz 4:4:4 UHD video up to 70m

• Features 8 x HDMI inputs which can be independently routed to 8 x HDBaseT™ outputs

• Bi-directional RS-232, IR & PoC

PRO88HDMI-V2

8x8 HDMI Matrix

• Supports 18Gbps 4K UHD video including HDR, HDR10+ and Dolby Vision

• Features 8 x HDMI inputs which can be independently routed to 8 x HDMI outputs

• Control via front panel, IR, RS-232 & TCP/IP

PRO16HBT100CS

16x16 HDBaseT™ CSC Matrix - 100m

• Pre-configured Custom Pro matrix bundle with 16 x video inputs, 16 x video outputs, Audio breakout, and 2-way IR control

• Bi-directional IR & PoC

• 3rd Party drivers available for major commercial & residential control brands

Custom Pro Input Cards (supporting 18Gbps)

PRO-IN4HAB	4-Way HDMI 2.0 Input Board with Source Audio Breakout
PRO-IN2HAB	2-Way HDMI 2.0 Input Board with Source Audio Breakout
PRO-IN4HDA	4-Way HDMI 2.0 Input Board, Dante® Breakout / Embedding, & Source Audio Breakout
PRO-IN2H2TCS	4-Way HDMI 2.0 & HDBaseT™ Input Board (2x HDMI / 2x HDBaseT™)

Custom Pro - Control & Feature Boards

PRO-8IR-V2	8-Way IR Control Board with 5V - 12V IR Conversion (not required for 16x16 chassis)
PRO-8ABV	8-Way Audio Breakout Board (includes line level volume control)
PRO-8AB	8-Way Audio Breakout Board
PRO-8RS232	8-Way RS-232 Control Board

Custom Pro HDBaseT™ Output Cards (supporting 18Gbps to 70m)

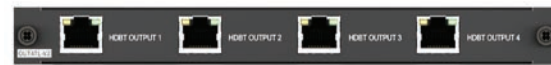|	
PRO-OUT4HTCS	4-Way Simultaneous HDBaseT™ / HDMI 2.0 Output Board - 4K 60Hz 4:4:4 to 70m (1080p up to 100m)
PRO-OUT4TCS	4-Way HDBaseT™ Output Board - 4K 60Hz 4:4:4 to 70m (1080p up to 100m)
PRO-OUT2TCS	2-Way HDBaseT™ Output Board - 4K 60Hz 4:4:4 to 70m (1080p up to 100m)

Custom Pro HDBaseT™ CSC Output Cards (supporting 18Gbps to 40m)

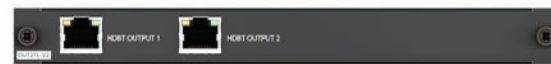|	
PRO-OUT4TLS-V2	4-Way Simultaneous HDBaseT™ / HDMI 2.0 Output Board - 4K 60Hz 4:4:4 to 40m (1080p up to 70m)
PRO-OUT4TL-V2	4-Way HDBaseT™ Output Board - 4K 60Hz 4:4:4 to 40m (1080p up to 70m)
PRO-OUT2TL-V2	2-Way HDBaseT™ Output Board - 4K 60Hz 4:4:4 to 40m (1080p up to 70m)

Custom Pro HDMI Output Cards (18Gbps)

PRO-OUT4H-V2	4-Way 18Gbps HDMI 2.0 Output Board
PRO-OUT2H-V2	2-Way 18Gbps HDMI 2.0 Output Board

Custom Pro Matrix

HDMI Distribution

- HDMI Switchers

- HDMI Splitters

- Multi-Format Presentation Switches

- Wireless Multi-Format Presentation

- Multi-Format Presentation

- HDMI Cables

- 8K HDMI Solutions

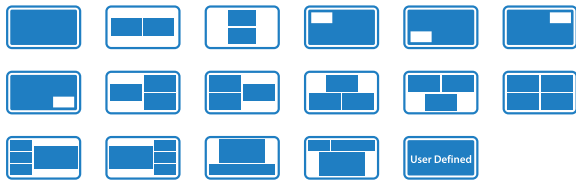- HDMI Matrix

- HDMI Signal Management

MV41

4x1 HDMI 2.0 Multi-view Switcher

• Supports full HDMI 2.0b - 4K 60Hz 4:4:4 and all HDR formats

• Multi-view output with custom re-size, positioning, PIP, PBP, POP functionality

• Single-frame seamless switching

• HDMI loop outputs for integration with Video over IP or HDBT matrix systems

User Defined

SW41AB-V2 / SW21AB-V2

4K HDMI 2.0 Switches

• Features 4/2 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 RS-232, front panel and IR (remote control included)

4K 60Hz 4:4:4 | HDMI 2.0 | AUTO SWITCHING | AUDIO BREAKOUT | EDID MANAGEMENT

SP12CS

SP14CS

SP18CS

4K HDMI 2.0 HDCP 2.2 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.

Models & Description	
SP12CS	2-Way 4K HDMI 2.0 HDCP 2.2 Splitter
SP14CS	4-Way 4K HDMI 2.0 HDCP 2.2 Splitter
SP18CS	8-Way 4K HDMI 2.0 HDCP 2.2 Splitter

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

4K 60Hz 4:4:4 | HDMI 2.0 | VIDEO SCALING | AUDIO BREAKOUT | EDID MANAGEMENT

HDMI Distribution

NEW

MX44AVW

4x4 HDMI Architectural Video Wall Matrix

• 4K 60Hz 4:4:4 HDMI 2.0 Matrix with Seamless Switching
• Advanced EDID Management
• Video Scaling, with Multi-view and Video Wall capabilities
• Re-size / Re-position, PIP / PBP / POP Output & 1deg Rotation
• IP, RS-232, and IR Control

AMF42AU

Advanced Multi-Format Presentation Switch

• Seamless source switching with manual or auto source selection
• MIC input supports line level or 48v Phantom power
• HDBaseT™ output with advanced Colour Space Conversion (CSC) supports HDMI 2.0 18Gbps specification
• Dual HDMI / HDBaseT™ on output 2

NEW

WMF51

Wireless Multi-Format Presentation Switch

Wireless support for AirPlay, Miracast, Chromecast with Audio Breakout. 4K support for optional HDMI or USB-C Dongles.

Key Features

• Wireless connectivity with HDMI Multi-view Output
• Auto & seamless switching capabilities
• White board and on screen annotation with export functionality
• Dual LAN Connectivity, & USB touchback

NEW

WMF72

HDMI, USB-C & Wireless Multi-Format Presentation Switch

Wireless support for AirPlay, Miracast, Chromecast with Audio Breakout. 4K support for optional HDMI or USB-C Dongles.

Key Features

• Wireless connectivity with dual HDMI Multi-view Output
• Auto & seamless switching capabilities
• White board and on screen annotation with export functionality
• Dual LAN Connectivity, & USB touchback

WMF-HDMI-D
WMF-USBC-D

4K Wireless Dongles for WMF51 & WMF72

HDMI Distribution

MFP62

6 Input 2 Output Multi-Format Presentation Switch

• 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 digital outputs concurrently

HD11CTRL-V2

HDMI In-line Controller with Web GUI

• Automated 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

• 10x configurable macros with up to 10x time delays, serial, IR or CEC commands per macro

HDMI48G

Precision 48Gbps 8K HDMI Cable

Models & Description	
HDMI48G-1	Precision 48Gbps HDMI Cable - 1m
HDMI48G-2	Precision 48Gbps HDMI Cable - 2m
HDMI48G-3	Precision 48Gbps HDMI Cable - 3m
HDMI48G-5	Precision 48Gbps HDMI Cable - 5m
HDMI48G-10	Precision 48Gbps AOC HDMI Cable - 10m
HDMI48G-15	Precision 48Gbps AOC HDMI Cable - 15m
HDMI48G-30	Precision 48Gbps AOC HDMI Cable - 30m

HDMI18G-100 / HDMI18G-50

Long Distance 18Gbps HDMI Cable
Active Optical Cable (AOC)

Models & Description	
HDMI18G-50	18Gbps HDMI Cable AOC - 50m
HDMI18G-100	18Gbps HDMI Cable AOC - 100m

HDMI Distribution

SP24AB-8K

4-Way 8K HDMI 2.1 Switchable Splitter

• Features 2x selectable HDMI 2.1 inputs that are split to all 4x outputs concurrently

• Supports up to 8K 60Hz YCbCr 4:2:0 10bit, 8K 30Hz RGB/YCbCr 4:4:4 10bit, or 4K 120Hz RGB/YCbCr 4:4:4 10bit (40Gbps maximum)

• Supports ALLM (Auto Low Latency Mode) & VRR (Variable Refresh Rate) digital outputs concurrently

• Optical S/PDIF and analogue audio breakout. RS-232 and IR control

SW41AB-8K

2x2 8K HDMI 2.1 Matrix Switcher

• Features 4x HDMI inputs which can be switched to a single HDMI output

• Supports up to 8K 60Hz YCbCr 4:2:0 12bit, 8K 30Hz RGB/YCbCr 4:4:4 12bit, or 4K 120Hz RGB/YCbCr 4:4:4 12bit (48Gbps maximum)

• Optical S/PDIF and analogue audio breakout, RS-232 and IR control

• Supports ALLM (Auto Low Latency Mode) & VRR (Variable Refresh Rate) digital outputs concurrently

MX22AB-8K

2x2 8K HDMI 2.1 Matrix

• Features 2x HDMI inputs which can be independently routed to 2x HDMI outputs

• Supports up to 8K 60Hz YCbCr 4:2:0 10bit, 8K 30Hz RGB/YCbCr 4:4:4 10bit, or 4K 120Hz RGB/YCbCr 4:4:4 10bit (40Gbps maximum)

• Supports ALLM (Auto Low Latency Mode) & VRR (Variable Refresh Rate) digital outputs concurrently

• Optical S/PDIF and analogue audio breakout. RS-232 and IR control

SM11EARC-8K

8K HDMI 2.1 Signal Manager with eARC Breakout

• Can help to solve most HDMI EDID, HDCP, compatibility and handshaking issues

• Supports up to 8K 60Hz YCbCr 4:2:0 12bit, 8K 30Hz RGB/YCbCr 4:4:4 12bit, or 4K 120Hz RGB/YCbCr 4:4:4 12bit (48Gbps maximum)

• Supports ALLM (Auto Low Latency Mode) & VRR (Variable Refresh Rate) digital outputs concurrently

• Audio Embedding, Breakout, and eARC / ARC Breakout

HDMI Distribution

CMX88CS

Contractor 8x8 4K 18Gbps HDMI2.0 Matrix

• Features 8 x HDMI inputs which can be independently routed to 8 x HDMI outputs
• Supports HDMI 2.0 18Gbps specification including HDR
• Supports up to 4K UHD 60Hz 4:4:4

CMX44CS

4x4 4K HDMI 2.0 Matrix

• Features 4x HDMI inputs which can be independently routed to 4x HDMI outputs
• Supports HDMI 2.0 18Gbps specification including HDR
• Supports up to 4K UHD 60Hz 4:4:4

CMX42AB

Contractor 4x2 HDMI Matrix

• Features 4 x HDMI inputs which can be independently routed to 2 x HDMI outputs
• Supports HDMI 2.0 18Gbps specification including HDR
• Supports up to 4K UHD 60Hz 4:4:4

SM11

Advanced HDMI 2.0 Signal Manager

• Can help to solve most HDMI EDID, HDCP, compatibility and handshaking issues
• Supports full HDMI 2.0 specification 4K UHD video (4K 60Hz 4:4:4)
• Can be configured to work as either a HDMI audio de-embedder or audio embedder

HD11AU

HDMI Audio Embedder / De-Embedder

• Can help to solve most HDMI EDID, HDCP, compatibility and handshaking issues
• Supports full HDMI 1.4 specification (4K 60Hz 4:2:0), HDCP 1.4
• Can be configured to work as either a HDMI audio de-embedder or audio embedder

HD12DB-V2

7.1ch Dolby Atmos / DTS-HD Down Mixing DAC, 2-Way HDMI Splitter & Scaler

• 7.1ch Dolby or DTS embedded audio to a true stereo 2ch signal available on HDMI, optical and analogue audio outputs concurrently
• HDMI input supporting 4K 60Hz 4:4:4 that is replicated to 2 x HDMI outputs - 1x native pass-through, 1x scaled (with audio down-mix)

HDMI Distribution

USB & KVM Solutions

- **USB Extension**
- **USB3 Switching**
- **USB3 Extension**
- **USB Cables**

NEW

UEX3H   UEX3H-WP-US   UEX3H-WP-EU

UEX3H - USB 3.2 Gen1 Extender - Host
UEX3H-WP-EU - USB 3.2 Gen1 Extender Wall Plate - Host
UEX3H-WP-US - USB 3.2 Gen1 Extender Wall Plate - Host

The UEX3H is a USB Host solution that utilises HDBaseT™ technology to allow for remote connectivity of USB 3.2 Gen1 (5Gbsp) Devices at distances of up to 100m over single CAT6A. The UEX3H allows 2 x USB Hosts to be switched between the 2 x local USB Devices as well as the Devices connected to a remote compatible Blustream USB HDBaseT Device extender.

Key Features

• 1 x USB-A & 1 x USB-C port for connection to host devices with manual or auto switching

• 1 x USB-C host charging port for connection of external power supply to power host device

• 2 x USB-A ports for connection to local USB devices

Specify a combination of host and device end points to perfectly suit the project requirements.

1 Select the preferred form factor for the end point located at the PC (Host).

PC   Server   Laptop   NUC

USB 3.2 Gen1   5Gbps   AUTO SWITCHING   USB-C   PoC

NEW

UEX3D   UEX3D-WP-US   UEX3D-WP-EU

UEX3D - USB 3.2 Gen1 Extender - Device
UEX3D-WP-EU - USB 3.2 Gen1 Extender Wall Plate - Device
UEX3D-WP-US - USB 3.2 Gen1 Extender Wall Plate - Device

The UEX3D is a USB Device solution that utilises HDBaseT™ technology to allow for remote connectivity of USB 3.2 Gen1 (5Gbps) Hosts at distances of up to 100m over single CAT6A. The UEX3D allows 4 x USB peripheral devices to be distributed to a remote compatible Blustream USB HDBaseT Host extender.

Key Features

• 2 x USB-A & 2 x USB-C ports for connection to local devices

• 1 x USB-C host charging port for connection of external power supply to power USB-C host device

• Combined USB3.2 Gen1 data transfer rate up to 5Gbps*

* Signal distribution bandwidth and distance are subject to length of device and host USB cables, and CAT cable type. It is recommended to use a minimum of CAT6A cabling.

2 Select the preferred form factor for the end point with the peripheral devices.

Camera (USB VC)   USB Audio (Mic)   Mass storage   Keyboard Mouse

USB 3.2 Gen1   5Gbps   KVM   USB-C   PoC

USB & KVM Solutions

NEW

UEX3C-KIT

USB 3.2 Extender Set - 100m

• Extend USB 3.2 Gen 1 signals up to 5Gbps over 100m of CAT6A
• Supports USB 3.2 signal extension
• PD Power Insertion for Host
• No Drivers or Downloads

UEX100E-KIT

USB 2.0 HDBaseT™ Extender Set

• Bi-directional Ethernet pass-through (100Mbps)
• Bi-directional IR & RS-232 pass through
• Transmitted data bandwidth up to 480Mbps (combined)
• Supports 2ch PCM Analogue Audio pass through
  (direction selectable)

UEX50B-KIT

USB 2.0 Extender Set - 50m

• 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

MX44KVM

4x4 USB KVM Matrix

• 4x4 USB KVM Matrix allowing up to 4 x USB peripheral devices
  to be switched 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

USB 3.0   **KVM**   **PLUG & PLAY**   **RS-232 CONTROL**   **GPIO**

SW12USB

USB 3.2 Gen2 Hub - 2 x Host Switching Hub with 4 x Device Connections & web-GUI

• USB 3.2 Gen 2 signals up to 10Gbps
• Manual, API, or auto switching for up to 4 x devices
  between 2 x hosts
• PD Power Insertion for Host
• No Drivers or Downloads

USB 3.2   **KVM**   **PLUG & PLAY**   **AUTO SWITCHING**

USB & KVM Solutions

USB3C10
Precision 10Gbps USB-C AOC Cable (10m)

Our active Precision USB-C cables utilise integrated circuits that measure, analyse and adjust the data and video signal to ensure support for up to 10Gbps of data bandwidth.

• Transmits video resolutions up to and including 4K
• Data transfer rates up to 10Gbps
• USB 3.1 Gen 2 SuperSpeed Plus Type C M-M
• Backward compatible with USB 2.0 and 1.1

USBCM
Micro Form USB-C Passive Cable (1-3m)

Our Micro Form USB-C cables offer data, power and video pass-through for equipment. USB 3.1 Gen 1 design allows transfer speeds supported up to 5Gbps and video resolutions from USB-C source devices allow for up to 4K 60Hz 4:4:4 resolutions to be distributed.

Models & Description	
USBCM1	Micro Form USB-C Passive Cable 1m
USBCM2	Micro Form USB-C Passive Cable 2m
USBCM3	Micro Form USB-C Passive Cable 3m

USBABM
Micro Form USB 2.0 A-B (1-3m)

Our Micro Form USB Type A to Type B cables offer a discreet plug design for tight spaces and compact installations. USB transfer rates of up to 480Mbps are supported with backwards compatibility with USB 1.1 devices.

Models & Description	
USBABM1	Micro Form USB Type A to Type B 1m
USBABM2	Micro Form USB Type A to Type B 2m
USBABM3	Micro Form USB Type A to Type B 3m

USB3AMF
Precision 10Gbps USB-A Male-Female AOC Cable

Our active Precision USB-A cables utilise integrated circuits that measure, analyse and adjust the data and video signal to ensure support for up to 10Gbps of data bandwidth.

• Data transfer rates up to 10Gbps
• USB 3.1 Gen 2 SuperSpeed Plus Type A M-F
• Backward compatible with USB 2.0 and 1.1

Models & Description	
USB3AMF10	USB-A Male-Female AOC Cable 10m
USB3AMF15	USB-A Male-Female AOC Cable 15m

USB & KVM Solutions

❖ Dante®
Solutions

- HDMI and Dante® Switching

- Dante® Networked Audio Amplifiers

- Dante® Wall Plates

- Dante® Converters

- Dante® Integration

NEW

❖ Dante®

SW42DA
4-Way HDMI Switcher with Multi-Channel Dante® Audio Breakout

• 4K 60Hz 4:4:4 HDMI Pass-through

• 7.1ch Downmixing with Dante® / AES67 Encoding (8ch and 2ch downmixed)

• Analogue & Optical S/PDIF Audio Breakout

4K 60Hz 4:4:4 | **AUDIO** DOWNMIXING | ❖ Dante® | **AUDIO** BREAKOUT | VIDEO SCALING

NEW

❖ Dante®

DA1414
14x14 Dante® Audio Matrix

• 8x input, and 8x output Dante audio connections

• 4x analogue or MIC inputs with 48V phantom power, and 4x analogue audio output connections

• USB-B or USB-C audio connectivity

• Dual network connections for redundancy

❖ Dante® | ANALOGUE AUDIO | **USB** | **48V** PHANTOM

Dante Solutions

NPA100DA

Networked Power Amplifier with Dante®

Our NPA100DA networked audio zone amplifier delivers advanced audio integration within a commercial or residential AV installation.

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.

The NPA100DA supports a variety of inputs including 2ch Dante audio, HDMI ARC, MIC audio with 48v Phantom power support, optical audio and 2ch balanced / un-balanced analogue audio.

The NPA100DA can be powered via PoE++ from a compatible network switch, or locally should the switch not support PoE++. The unit also includes the ability to lower the amplifier power output subject to PoE capabilities, support for combined or independent LAN and Dante connections, DSP with a 10 band EQ, audio delay for lip sync correction, independent gain control for audio inputs and control via front panel, IR, RS-232, TCP/IP, web Gui or 12v trigger.

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
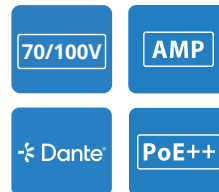
NPA70DA

Networked Power Amplifier with Dante®

• Advanced network audio amplifier with Dante integration

• Supports power via PoE++ on Dante LAN connection or local power supply

• Local 12V input trigger for automated power control

Audio inputs:
• 2ch Dante®/AES67 audio input

Audio Outputs:
• 4-Pin Phoenix connector

NPA20DA

Networked Amplifier with Dante®

• Advanced network audio amplifier with Dante integration

• Supports 2 x 10W @ 4 / 8 ohm, 1 x 20W @ 4 / 8 ohm

• Local 12V input trigger for automated power control

Audio inputs:
• 2ch Dante®/AES67 audio input

Audio Outputs:
• 4-Pin Phoenix connector

Dante Solutions

US EU/UK

DA11ABL-WP-US / EU-V2

Bluetooth® & Analogue Audio Dante® Wall Plate

• Dante® network wall plate interface for Bluetooth and analogue L/R audio inputs, and L/R audio outputs

• Converts 2ch Bluetooth, or un-balanced audio sources to Dante® audio

• Converts 2x Dante® audio channels to un-balanced audio outputs

• Configurable Bluetooth naming allows for simple discovery of the unit

Dante | BLUETOOTH | AUDIO ROUTING | PoE

US EU/UK

DA22XLR-WP-US / EU-V2

XLR Dante® Audio Wall Plate

• Dante® network wall plate interface for 2 x audio inputs and 2 x audio outputs

• Converts 2 x balanced / unbalanced / MIC audio sources to Dante® audio channels

• Converts 2 x Dante® audio channels to balanced / unbalanced audio outputs

• Switchable 48V Phantom power for each MIC XLR input

Dante | MIC | AUDIO ROUTING | PoE

DA11AEN-V2
Analogue Audio to Dante® Encoder

DA11ADE-V2
Dante® to Analogue Audio Decoder

DA11USB
Dante® USB Audio Encoder / Decoder

DA11XLR
Dual XLR to Dante® Encoder

DA22OPT
Dante® Optical S/PDIF Encoder / Decoder

DA11ARC
2ch HDMI ARC to Dante® Encoder

Dante Solutions

DA22DIG

2x2 Digital & Analogue Dante® Converter

• Encodes 2ch analogue audio or digital audio are converted to Dante® digital signal

• Decodes a Dante® digital signal to 2ch analogue audio and digital audio

• Selectable digital audio between optical S/PDIF and coaxial RCA inputs

• Configurable MIC audio input with 48V Phantom power

DA44AU

4x4 Dante® Digital Audio Converter

• 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

RSU-DA44

19" 1U Rack Shelf Mount for DA44AU

IP350UHD-TX / RX

4K 60Hz 4:4:4 UHD Video over 1Gb Network featuring Dante®

• Dual RJ45 network ports configurable for independent or combined HDMI and Dante® signal distribution

• SFP port for independent or combined HDMI and Dante® signal distribution over a single fibre cable

IP250UHD-TX / RX

4K 30Hz 4:2:0 UHD Video over 1Gb Network featuring Dante®

• Dual RJ45 network ports configurable for independent or combined HDMI and Dante® signal distribution

• SFP port for independent or combined HDMI and Dante® signal distribution over a single fibre cable

PRO-IN4HDA (Custom Pro Matrix Board)

4-Way HDMI 2.0 Input Board, Dante® Breakout / Embedding, and Source Audio Breakout

• Each HDMI input includes independent 2ch Dante audio breakout allowing connection to a Dante audio solution (supports 2ch PCM)

• Supports 4x 2ch Dante audio inputs allowing audio embedding onto the HDMI inputs

Dante Solutions

Audio Solutions

- Audio Matrix
- Audio Amplifiers
- Audio Extension
- Dolby® / DTS Audio Integration
- Bluetooth® Audio Integration
- Audio Accessories
- Audio Conversion

NEW

DMP168
16x8 Digital & Analogue Audio Matrix Processor

The DMP168 Audio Matrix features 8x Analogue L/R Inputs, 4 x Digital Coaxial Inputs and 4 x Digital Optical Inputs that can each be routed independently to 8x Analogue L/R Outputs.

Enhanced features include source mixing, 4 band parametric equaliser, low and high pass filters, independent gain adjustment, audio ducking, lip sync correction and optional subwoofer integration.

Key Features

• 8 x Analogue L/R Inputs, 4 x Digital Coaxial Inputs, 4 x Digital Optical Inputs

• 8 x Analogue L/R Outputs

• Volume, 4 band parametric equaliser and low and high pass filter control

• Independent gain adjustment for all Analogue and Digital inputs

• Lip-sync delay per input

• Ability to re-assign audio outputs for subwoofer use (up to 4 x 2.1ch outputs)

• Ability to combine L/R audio to mono on all outputs

• Ability to link outputs together for single universal volume control

• Audio sensing supports programmable events based on the presence of audio

• 48kHz 24-bit sampling rate for A/D and D/A conversion

• Digital audio inputs support resolutions up to 192kHz/24 bit

• Control via front panel, IR, RS-232 and TCP/IP

Audio Solutions

NPA20ANA

Network Powered Analogue Audio Amplifier

- 2x10W (1x20W) i2D Class Digital Amplifier
- Balanced / unbalanced analogue audio input and loop out
- Web GUI/API for Gain, EQ, delay, and volume control
- Low Impedance (4/8ohm) Stereo/Mono speaker output

AMP | PoE+ | ANALOGUE AUDIO | WEB GUI GRAPHICAL USER INTERFACE | i2D CLASS

NPA20ARC

Network Powered HDMI ARC & Analogue
Audio Amplifier

- 2x10W (1x20W) i2D Class Digital Amplifier
- HDMI ARC, and Balanced / unbalanced analogue audio inputs, with analogue loop out
- Web GUI/API for gain, EQ, delay, switching and volume control
- Low Impedance (4/8ohm) Stereo/Mono speaker outputs

AMP | ARC | ANALOGUE AUDIO | WEB GUI GRAPHICAL USER INTERFACE | i2D CLASS

CAT100EARC

eARC/ARC Over CAT

- Supports eARC/ARC distribution distances of up to 100m
- Supports Optical audio distribution distances of up to 200m
- Supports CEC pass-through when HDMI eARC/ARC mode selected

CAT100AU

Digital Audio Over CAT

- Extend optical and coaxial digital audio signals up to distances of 300m over a single CAT cable
- Both optical and coaxial digital can be distributed at the same time

PAC500AU

Passive Audio Over CAT

- Extend analogue audio signals up to distances of 500m over a single CAT cable
- Passive solution - Extender kit does not require a power supply

Audio Solutions

HD12DB-V2

7.1ch Dolby Atmos / DTS-HD Down Mixing DAC, 2-Way HDMI Splitter & Scaler

• Converts up to 7.1ch Dolby or DTS embedded audio to a true stereo 2ch signal available on HDMI, optical and analogue audio outputs concurrently

• Features 1 x HDMI input supporting 4K UHD video (4K 60Hz 4:4:4) that is replicated to 2 x HDMI outputs

• Features full HDMI video down-scaling from 4K 60Hz 4:4:4 down to 1080p

NEW

SW42DA

4-Way HDMI Switcher with Multi-Channel Dante Audio Breakout

• 4K 60Hz 4:4:4 HDMI Pass-through

• 7.1ch Downmixing with Dante® / AES67 Encoding (8ch and 2ch downmixed)

• Analogue & Optical S/PDIF Audio Breakout

DAC13DB

Digital Audio Converter with Down Mixing

• Down mixes 5.1ch Dolby Audio and DTS Audio from optical toslink or coaxial digital audio input signals from a compatible source device to 2ch stereo audio

• Simultaneously outputs downmixed 2ch audio via analogue, optical toslink or coaxial digital audio outputs

• Audio signals up to 24-bit with sampling rates up to 96kHz

BLUARC

HDMI Bluetooth® Audio Extractor & Embedder

• Bluetooth 5.0 audio embedding onto HDMI signal path, with de-embedding from the HDMI signal to up to 2x audio outputs

• Supports HDMI 2.0b 18Gbps 4K UHD 60Hz 4:4:4 pass-through including HDR

Audio Solutions

AD11AU

Analogue Audio Delay Processor with Volume Control

• In-line 2ch analogue audio delay with line-level volume control

• Supports 48 KHz / 24 bit sample rates

• Selectable audio delay from 50-1,000ms

  - 0 - 500ms in steps of 50ms

  - 500 - 1,000ms in steps of 100ms

• Adjustable line level volume control from -75dB to 0dB

ARC11

ARC Audio Breakout

• Extracts audio from the Audio Return Channel of a HDMI signal

• Features analogue audio breakout of 2ch PCM audio signals, where source audio is 2ch PCM

• Supports up to 192kHz sample rates at 24-bit depth

• Features optical audio breakout of multi-channel and 2ch audio formats

DAC12AU

Digital to Analogue Converter (DAC)

• Digital to Analogue audio Converter converts either optical or coaxial digital to analogue stereo left / right audio output

• Converts optical digital audio input to coaxial digital audio output

• Auto-detects digital connection in use

ADC11AU

Analogue to Digital Audio Converter (ADC)

• ADC (Analogue to Digital Audio Converter) converts analogue left / right stereo audio input to both S/PDIF optical and coaxial digital PCM outputs

• Both optical digital and coaxial digital output simultaneously

DIG11AU

Digital Audio Converter

• Converts digital audio formats (optical to optical and coax, or, coax to optical or coax)

• Both optical and coaxial digital outputs work concurrently regardless of input type selected

Audio Solutions

Power Management

- Managed PDU's

- Managed Low Voltage PDU

NEW

PWR8IEC

8-way IEC Power Controller

• Monitoring and metering of: voltage, current, power, and energy consumption
• Overload protection and interference filtering
• 24/7 scheduling and power on/off sequencing
• Relays for automated switching
• Remote monitoring with password authentication

METERING   MONITORING   CONTROL   RELAYS   SECURE CONNECTION

NEW

PWR4IEC

4-way IEC Power Controller

• Monitoring and metering of: voltage, current, power, and energy consumption
• Overload protection and interference filtering
• 24/7 scheduling and power on/off sequencing
• Relays for automated switching
• Remote monitoring with password authentication

METERING   MONITORING   CONTROL   RELAYS   SECURE CONNECTION

NEW

PWR8VDC

8-way Low Voltage DC Power Controller

The PWR8VDC is an outlet-level metered and switched smart PDU. The unit features 1 x IEC C14 inlet for power, and 8 x variable voltage output outlets for controlled supply to low-power consumption devices.

The PDU supports TCP/IP and RS-232 control, and a redundant TCP/IP port as a back-up. Front panel buttons for manual switching of power to individual outlets, and a single mains switch for overall system power. Relay connections (x8), and 2 x sensor ports can also be used for automatic control of power to both inlet and individual outlet stages when triggered from 3rd party control platforms or BMS systems. Remote access and monitoring can be set-up and achieved via the web-GUI.

Key Features

• 8x independent low voltage 5V - 24V DC, or 5V 1A USB outputs
• Monitoring and metering of: voltage, current, power, and energy consumption
• 24/7 scheduling and power on/off sequencing
• Overload protection and interference filtering
• Relays for automated switching
• Remote monitoring with password authentication

METERING   MONITORING   CONTROL   RELAYS   SECURE CONNECTION

Power Management

HDMI
Cables

- Certified 8K HDMI Cables (48Gbps)

- Micro-Form 8K HDMI Cables

HDMI48G
Precision 48Gbps 8K HDMI Cable

Whether you're gaming, streaming, or enjoying your favourite movies and TV shows, our new 48G 8K Certified Ultra High Speed HDMI 2.1 cable is the ultimate solution for a premium AV experience.

• 48Gbps Bandwidth for support of all HDMI 2.1 resolutions

• Supports 8K video up to 60Hz and 4K video up to 120Hz

• Supports dynamic HDR 10-bit, 12-bit and 16-bit colour depths

• Supports eARC (enhanced Audio Return Channel) for return of multi-channel audio signals including Dolby Atmos and DTS-HD Master

• Gold plated locking tabs for secure connection

Models & Description	
HDMI48G-1	Precision 48Gbps HDMI Cable - 1m
HDMI48G-2	Precision 48Gbps HDMI Cable - 2m
HDMI48G-3	Precision 48Gbps HDMI Cable - 3m
HDMI48G-5	Precision 48Gbps HDMI Cable - 5m
HDMI48G-10	Precision 48Gbps AOC HDMI Cable - 10m
HDMI48G-15	Precision 48Gbps AOC HDMI Cable - 15m
HDMI48G-30	Precision 48Gbps AOC HDMI Cable - 30m

HDMIM8K
Micro Form 8K HDMI Cable

Our Micro Form 8K cable range combines robust performance with value for the custom installation market. This range of 48Gbps HDMI cables support video resolutions including 4K 120Hz and 8K 60Hz.

• Discrete design for tight spaces and compact installations

• Transmit all video resolutions up to and including 8K

• Ultra High Speed with Ethernet

• Supports the latest HDR resolutions including HDR10/10+ and Dolby Vision

• Supports eARC (Enhanced Audio Return Channel)

Models & Description	
HDMIM8K-1	Micro Form 8K HDMI Cable - 1m
HDMIM8K-2	Micro Form 8K HDMI Cable - 2m
HDMIM8K-3	Micro Form 8K HDMI Cable - 3m
HDMIM8K-5	Micro Form 8K HDMI Cable - 5m
HDMIM8K-7	Micro Form 8K HDMI Cable - 7m
HDMIM8K-10	Micro Form 8K HDMI Cable - 10m
HDMIM8K-10	Micro Form 8K HDMI Cable - 3m - Bulk pack (x10 units)
HDMIM8K-15	Micro Form 8K HDMI Cable - 2m - Bulk pack (x15 units)
HDMIM8K-25	Micro Form 8K HDMI Cable - 1m - Bulk pack (x25 units)

HDMI Cables

BLUSTREAM-

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Founded in Melbourne, Australia, Blustream is the creation of an ambitious team of AV product managers. Utilising a wealth of experience within the consumer electronics and multi-room AV industry, the team takes pride in delivering AV distribution products that offer more for the AV architect and installer, more in terms of performance and reliability, and more in terms of value for money.

www.blustream.co.uk

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SDVoE®   Dolby   dts

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