ULTRA HD IP

FROM Just Add Power

HD over IP™
Gigabit POE Transmitter (up to 1080p)
2GΩ/3G POE TX

THE 4K OVER IP LEADER

Installed in everything from homes through to stadiums and airports globally; HD over IP lets you build any size of HDMI video matrix.

Microsoft · WALKABOUT Live Sport Awesome Entertainment · rybrook · Gilted Kilt Pub & Eatery · Nike · CAESARS PALACE LAS VEGAS · Google · Keystone Bar & Grill · MOERLEIN Lager House · Walt Disney World

|	
HDCP 2.2 HDMI 2.0	**dts X · DOLBY DIGITAL · DOLBY ATMOS · STEREO**
Supports All 4K Sources	Supports All Audio Formats
	Ultra Low Latency
	Most Modular Design
4K Up & Downscaling	Plug-Play-Present
Campus View — Use of a Gigabit Switch	**4K HDR-HDR10** — Seamless Management
Free web-based Control App	Video Wall
Video Tiling	Image Preview

More than 10 years of experience as the pioneers of HDMI over IP with thousands of completed projects

4K video matrixing over IP

The 3G Ultra HD over IP transmitters and receivers can send 4K (2160p) and UHD video with HDCP 2.2, as well as 1080p and lower resolution content, from a mixture of HDMI 2.0 and HDMI 1.x source devices to any number and combination of HDMI 2.0 and HDMI 1.x displays over a standard Gigabit network.

Unlike other IP-based solutions, there's no need to use a costly 10Gb Managed Switch or fibre optic cabling. All that is needed to create any size of 4K-capable HDMI matrix is a single 3G Ultra HD over IP transmitter per HDMI 2.0 or HDMI 1.x source, a Layer 3 Gigabit Managed Switch, a 3G receiver per HDMI 2.0 or 1.x screen and a compatible control sysvtem atop a Cat 5e / 6 cabling infrastructure.
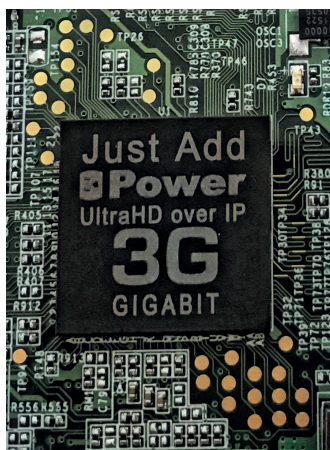
The Just Add Power 3G chipset is flexible,affordable, and feature rich, all without sacrificing an ounce of performance or quality.

Flawless video with seamless HDR Management and Audio Management in any format up to Dolby Atmos.

- ✔ Flawless Performance
- ✔ Buy it Once
- ✔ Use for Decades
- ✔ Forward Compatibility
- ✔ Backward Compatibility
- ✔ Free Updates
- ✔ Same Switch
- ✔ Same Cabling
- ✔ Same Control Drivers

Just Add Power is the only HDMI over IP system built on the sustainable **Evolution not Revolution** Design platform. That means you don't toss out Products after a year or two. Just Add Power products are designed for Decades of use!

Simple, Sustainable, Modular, Robust, and Reliable

How to build a 4K over IP matrix...

*One Transmitter per source.

*A supported Gigabit Managed switch with the right number of ports. One port for each 3G device plus one additional port connected to your data network

*One Receiver per display. Receivers (3G Models) can downscale 4K HDMI 2.0 with HDCP 2.2-encrypted content to 1080p for viewing on a legacy HDMI display creating the most seamless and versatile HDMI matrix on the market, all while managing audio and HDR. You can even watch HDR 4K content on any 4K or 1080p screen at the same time without sacrificing quality. Each zone always gets the best picture possible.

Cabling: Use Cat 5e / Cat 6/7 for distances up to 330 ft or fiber optic cabling for distances up to 10 km.

Control System Integration: A range of fully supported professional drivers are available free of charge for all major control brands.

Enterprise Network Software: A software suite that is specifically designed to control, manage, and monitor an UltraHD over IP system.
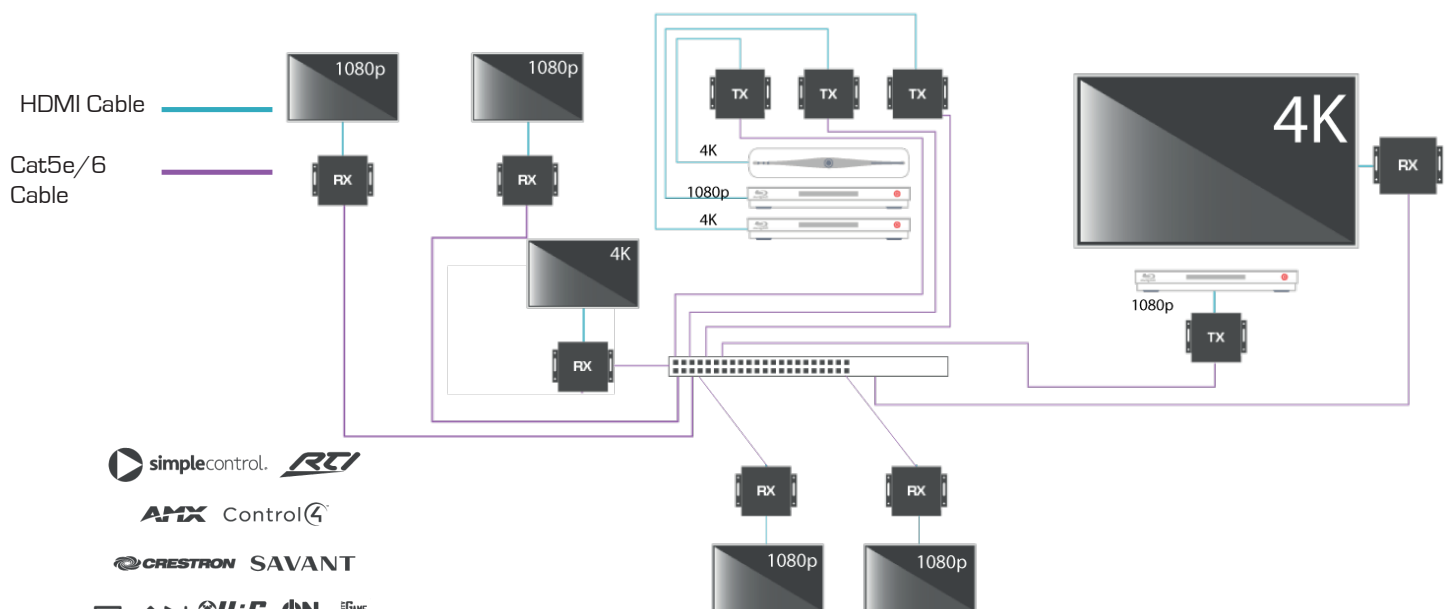
HDMI Cable

Cat5e/6 Cable

Just Add Power
12505 Starkey Rd, Suite A Largo,
FL USA 33773
www.justaddpower.com

Distribution:
PureLink GmbH

Available from B2B Online Portal   *one*AV.eu

BELTERRA CASINO RESORT

Switzerland County, Indiana
32 sources x 39 displays
Installer: Nor-Com
Control: On Controls

The Most Reliable And Robust
Enterprise Grade 4K Over IP Solution, Period.

4K Up & Downscaling
Receivers can downscale a 4K signal with HDCP 2.2 to1080p for viewing on legacy screens and upscale for 4K displays

HDCP 2.2 Support
3G seamless HDCP conversion allows content to be shown on any display, even if it isn't HDCP 2.2

Works with all 4K Sources
EDID Magic software = Zero EDID issues

Zero Detectable Latency
Incredibly low encode / decode latency over the network that is visually undetectable

Seamless Switching
Switching between any source is instant, even when resolution changes

VGA & HDMI Wall Plate Inputs
VGA and HDMI Wall Plate Transmitters available in multiple colors

Image Preview
Preview image of any source or display in any web browser or control system up to 10 fps

DHCP Server
DHCP Server allows shared gigabit LAN without bogging down your network

Campus View
Use any Gigabit switch or VLAN switching

Seamless HDR Management
Display HDR content on HDR displays while simultaneously displaying the same content on 1080p and 4K on non-HDR displays

Analog Audio Inputs and Outputs
Analog audio inputs can be mixed or muted with HDMI audio and analog Audio Outputs with adjustable volume and delay on each Transmitter and Receiver.

Custom Logo Overlay & Default Image
Overlay a custom logo on any display and load a custom default image

Dolby Atmos and Dolby Downmix
Dolby Downmix to analogue Audio and support for DTS:X and Dolby Digital

Video Tiling
4 custom windows per tiler. Add more for unlimited windows (view on any screen)

Video Wall
Build up to 256 displays in a single dynamic wall with Image Flip and Rotate for portrait or landscape installations NOW Mosaic Video Wall!

Free Automatic Drivers
Custom drivers auto build and configure to the network

Any Size Matrix
Hundreds of sources and thousands of displays in a single project

USB 2.0 Over IP
Keyboard, mouse, touch Interface over IP built in

Known Track Record
Tens of thousands of completed projects installed giving you the peace of mind you need

Visually Lossless Over Cat5e/6/7
Managed gigabit switches route traffic without slowing down your network over Cat x cabling

Plug-Play-Present
Plug-Play-Present is a simple logic application for any 2G or 3G Transmitter to set video sensing scenes. Simply connect a source, and the Transmitter will select one or more custom preset displays, power them on, and switch to the correct input. Once your presentation is complete it can power down displays or switch them to another input.
NO CONTROL SYSTEM NEEDED!

Integrated Control
RS-232, CEC, and IR over IP integrated in each device

Free Web Control App
App runs in any web browser to control switching

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MORGAN MOTOR CARS

Birmingham, UK.
3 x 3 video wall

TRANSMITTERS

3G+AVP TX — VBS-HDIP-718AVP

4K

- Encodes 4K and lower resolutions
- Supports HDCP 2.2 and HDMI 2.0
- 4K 60 Compatible
- Ultra low latency
- Image Push, Pull & Pop
- Instant-Seamless switching
- PoE Powered
- Video Wall

- Dolby DSP - Dolby Digital 5.1 and stereo analog
- Two analog audio inputs mixable with HDMI audio
- Stereo audio output 3.5mm
- Adjustable volume and delay
- RS232, CEC, IR* control of sources
- HDR & HDR10 Management
- USB 2.0
- Plug-Play-Present built in

3G+AVP RACKMOUNT — VBS-HDIP-749A

4K

- 718AVP Feature set
- Encodes 4K and lower resolutions
- Supports HDCP 2.2 and HDMI 2.0
- 4K 60 Compatible
- Ultra low latency 4K

- 1U Rack mount
- 3 Transmitters built into one chassis
- Fan cooled
- Commercial power supply
- Reversible Rack ears

3G+HIFI TX — VBS-HDIP-717HIFI

4K

- Encodes 4K and lower resolutions
- Supports HDCP 2.2 and HDMI 2.0
- 4K 60 Compatible
- Ultra low latency
- Image Push, Pull & Pop
- Instant-Seamless switching
- PoE Powered

- Video Wall
- HDMI Loop Out
- All Lossless audio supported
- RS232 and IR* control of sources
- HDR & HDR10 Management
- Plug-Play-Present built in

3G POE TX — VBS-HDIP-707POE

4K

- Encodes 4K and lower resolutions
- Supports HDCP 2.2 and HDMI 2.0
- 4K 60 Compatible
- Ultra low latency
- Image Push, Pull & Pop
- Instant-Seamless switching
- PoE Powered

- Video Wall
- HDMI Loop Out
- All Lossless audio supported
- RS232 and IR* control of sources
- HDR & HDR10 Management
- Plug-Play-Present built in

Available from B2B Online Portal oneAV.eu

TRANSMITTERS

3G+WP4 TX   VBS-HDIP-717WP4

4K

- Encodes 4K and lower resolutions
- Supports HDCP 2.2 and HDMI 2.0
- 4K 60 Compatible
- Ultra low latency
- Image Push, Pull & Pop
- Instant-Seamless switching
- PoE Powered
- Video Wall

- VGA & HDMI Auto Switching
- HDMI Loop Out
- Analog Audio Input
- USB 2.0
- 4 Gang Plate Black, White, or Custom Colors
- RS232 and IR* control of sources
- HDR & HDR10 Management
- Plug-Play-Present built in

3G+WP2 TX   VBS-HDIP-717WP2

4K

- Encodes 4K and lower resolutions
- Supports HDCP 2.2 and HDMI 2.0
- 4K 60 Compatible
- Ultra low latency
- Image Push, Pull & Pop
- Instant-Seamless switching
- PoE Powered
- Video Wall

- VGA & HDMI Auto Switching
- HDMI Loop Out
- Analog Audio Input
- USB 2.0
- 2 Gang Plate Black, White, or Custom Colour
- RS232 and IR* control of sources
- HDR & HDR10 Management
- Plug-Play-Present built in

3G+4+ VIDEO TILER   VBS-HDIP-759A

4K

- 4 inputs & Tiles
- Custom sizing & Placement
- Adjustable Transparency
- Unlimited custom presets

- Broadcast-grade Fading
- Smooth Transitions for live events
- Mix any resolution source
- Local HDMI out

- IP or IR controlled
- Stackable for unlimited tiles
- Custom tile placement
- View on any screen

3GPOE RACKMOUNT   VBS-HDIP-747POE

4K

- 4 Input Rackmounted Version of 4K 707POE
- POE or AC Powered
- 4K 60 Compatible

NEW 2018

Available from B2B Online Portal   oneAV.eu

TRANSMITTERS

2GΩ/3G VGA TX — VBS-HDIP-716VGA

1080p

- Compatible with both 2G and 3G gear
- VGA Input
- Analog Audio Input
- USB 2.0
- RS232, CEC, and IR* control of sources
- Plug-Play-Present built in
- Encodes 1080p and lower resolutions
- Supports HDMI 1.4
- 2G, 3G, and 2GΩ Support
- Ultra low latency
- Image Push, Pull & Pop
- Instant-Seamless switching
- PoE Powered
- Video Wall

2GΩ/3G+ TX (Max 1080p) — VBS-HDIP-715POE

1080p

- Compatible with both 2G and 3G gear
- Encodes a 1080p or lower resolutions
- Supports HDCP 1.4
- Ultra low latency
- Image Pull, Push, & Pop
- HDMI Loop Out
- Supports all digital audio formats
- PoE Powered
- RS232, CEC, and IR* control of sources
- Plug-Play-Present built in
- Analog Audio Output

2GΩ/3G TX (Max 1080p) — VBS-HDIP-705POE

1080p

- Compatible with both 2G and 3G gear
- Encodes a 1080p or lower resolutions
- Supports HDCP 1.4
- Ultra low latency
- Image Pull, Push, & Pop
- Supports all digital audio formats
- PoE Powered
- RS232, CEC, and IR* control of sources
- Plug-Play-Present built in
- Instant-Seamless switching

ACCESSORIES

VBS-HDIP-RS1U
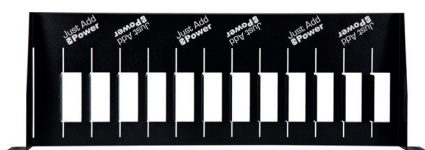
- 19" Rack mount shelf
- 2G, 3G, and 2GΩ compatible
- Holds up to 13 devices

VBS-HDIP-IRD

- Serial to IR
- Compatible with all devices
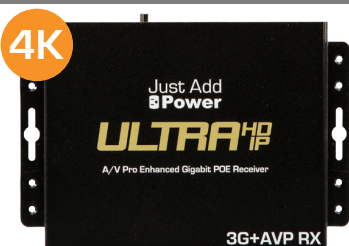- Adds IP to IR control

THE HOUSE ON THE HILL

Morrison, Colorado, USA
6 sources x 4 displays
Control: Control4
Installer: ListenUp

RECEIVERS

3G+AVP RX — VBS-HDIP-518AVP

4K

- Scales 4K to 1080p & up to 4K
- 4K HDCP 2.2 and HDMI 2.0
- Ultra low latency
- Image Push, Pull & Pop
- Instant-Seamless switching
- PoE Powered
- Video Wall
- All Lossless audio supported
- USB 2.0
- Analog Audio Out
- Adjustable volume & audio delay
- RS232, CEC, and IR* control of display
- HDR & HDR10 management
- Plug-Play-Present built in

3G POE RX — VBS-HDIP-508

4K

- Scales 4K to 1080p & up to 4K
- 4K HDCP 2.2 and HDMI 2.0
- Ultra low latency
- Image Push, Pull & Pop
- Instant-Seamless switching
- PoE Powered
- Video Wall
- All Lossless audio supported
- RS232, CEC, and IR* control of display
- HDR & HDR10 management
- Plug-Play-Present built in

2GΩ/3G+ RX (Max 1080p) — VBS-HDIP-515POE

1080p

- Compatible with both 2G and 3G gear
- Encodes a 1080p or lower resolutions
- Supports HDCP 1.4
- Ultra low latency
- Image Pull, Push, & Pop
- PoE Powered
- Instant-Seamless switching
- Supports all digital audio formats
- RS232, CEC, and IR* control of display
- Plug-Play-Present built in
- Analog Audio Output

2GΩ/3G RX (Max 1080p) — VBS-HDIP-505POE

1080p

- Compatible with both 2G and 3G gear
- Encodes a 1080p or lower resolutions
- Supports HDCP 1.4
- Ultra low latency
- Instant-Seamless switching
- PoE Powered
- Supports all digital audio formats
- RS232 or IR* control of display
- Video Wall
- Plug-Play-Present built in

Available from B2B Online Portal   oneAV.eu

JUST ADD DRIVERS
Free Automatic Config Tool

Recommended Switches

SWITCH	POE+	# PORTS	STACKABLE	JUMBO	FULL LAYER 3 SUPPORT	POE WATTS
LUXUL AMS	✔	24 (24 POE)	NO	✔	✔	250
LUXUL AMS 1280P	✔	10 (8 POE)	NO	✔	✔	130
LUXUL XMS-2624P	✔	24	NO	✔	✔	370
LUXUL AMS 4424P	✔	24	✔	✔	✔	250
LUXUL XMS-5248P	✔	48	NO	✔	✔	740
LUXUL XMS-7048P	✔	48	✔	✔	✔	740
CISCO SG300	✔	10-52	NO	✔	✔	62-740
CISCO SG500	✔	28-52	✔	✔	✔	180-740
CISCO SG500X	✔	24-48	✔	✔	✔	180-740

Automatic
Certified Drivers

LUXUL

CISCO
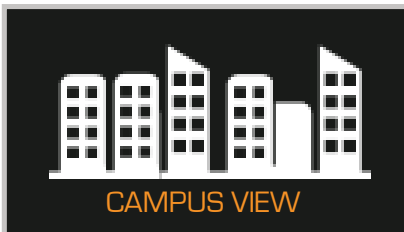
CAMPUS VIEW

Campus View provides the option of using existing enter-prise network infrastructure for Just Add Power, giving you more options than any other system.

Distribution:
PureLink GmbH

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EPIC & EASY DISTRIBUTION

1 Source Transmitters

1 needed for each source
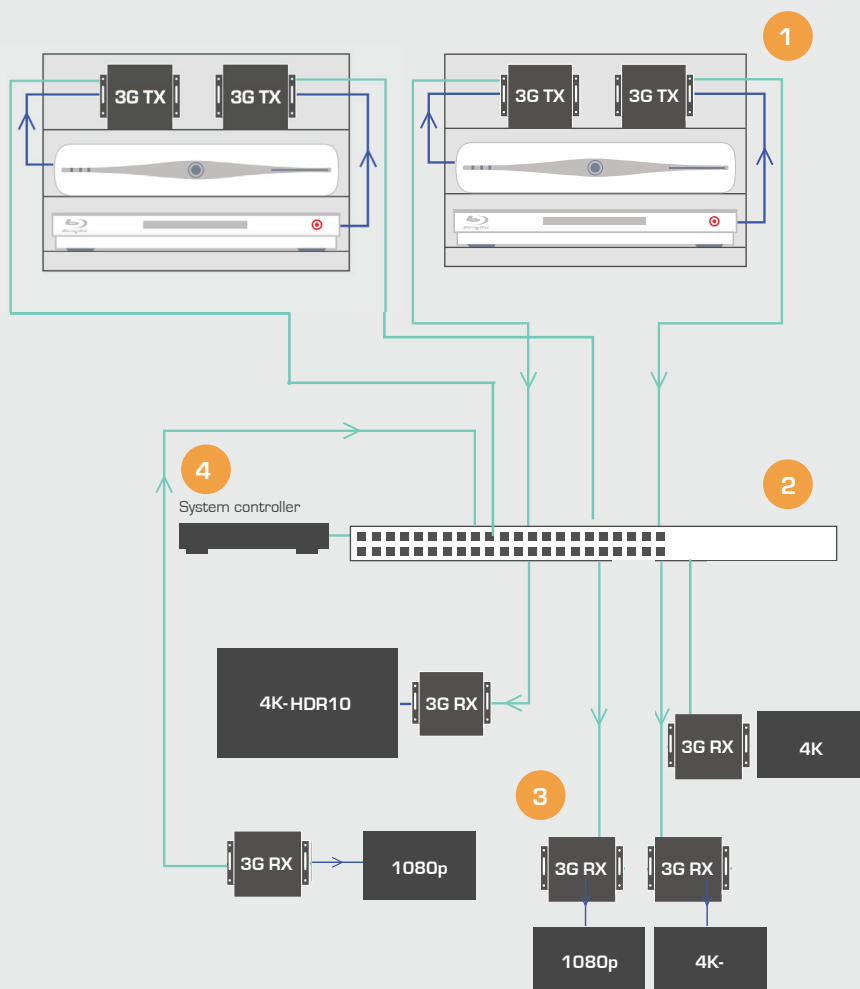
2 Managed Gigabit Switch

LUXUL or Cisco Layer 3 managed switch

3 Display Receivers

1 needed for each display

4 System Controller

Open platfrom API with custom free drivers for all popular control systems.

simplecontrol. RTI

AMX Control4

CRESTRON SAVANT

ELAN URC ON CONTROLS GAME CONTROL

3G TX 3G TX 3G TX 3G TX

System controller

4K-HDR10 3G RX

3G RX 4K

3G RX 1080p

3G RX 3G RX

1080p 4K-

SYSTEM EXAMPLES

Stacked system (x2 switches)

2 input 6 output with video wall
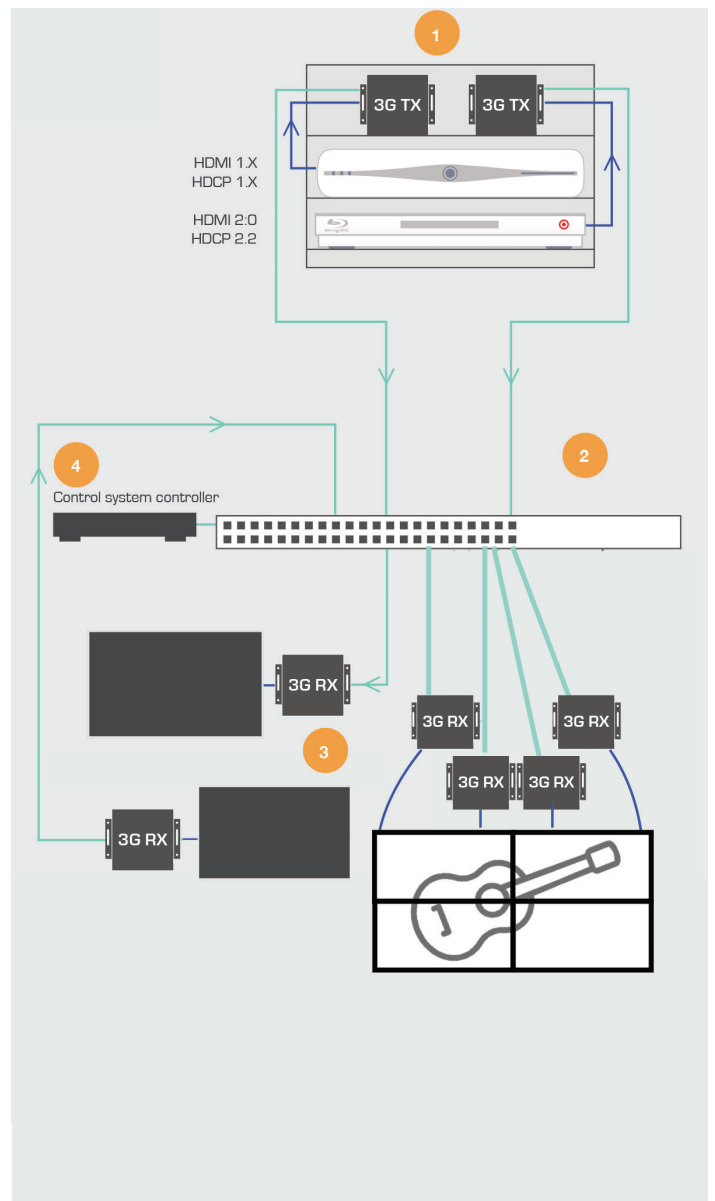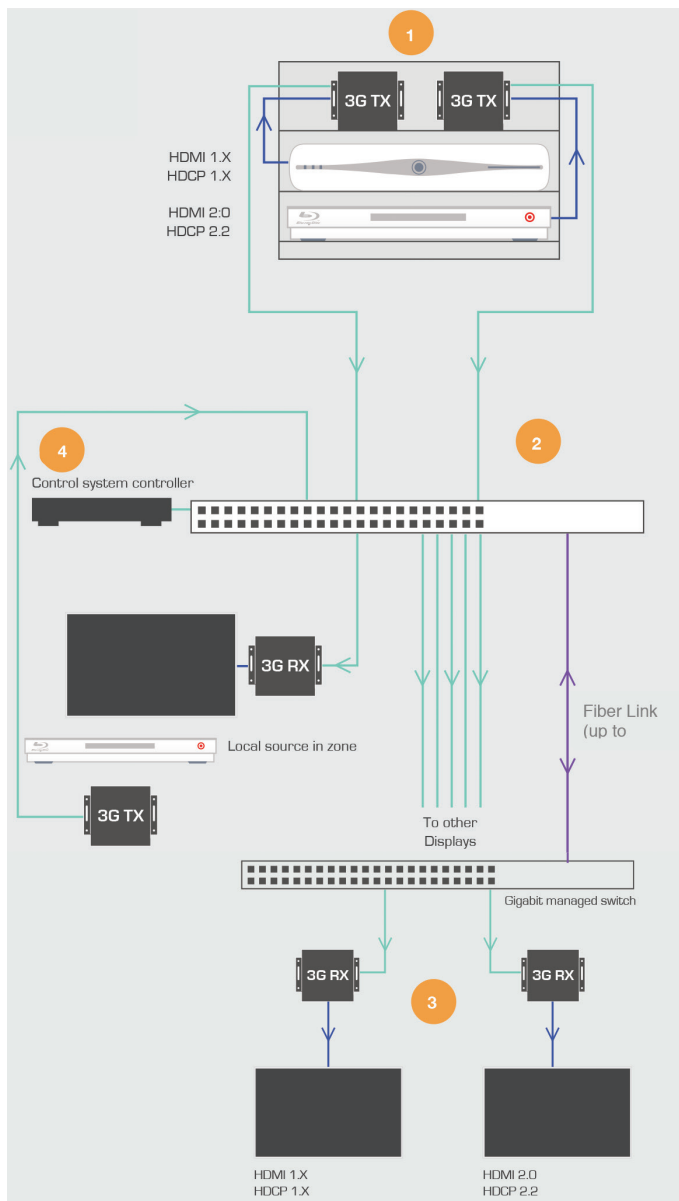
Left diagram (Stacked system)

1

3G TX 3G TX

HDMI 1.X
HDCP 1.X

HDMI 2:0
HDCP 2.2

4

Control system controller

2

3G RX

Local source in zone

3G TX

Fiber Link
(up to

To other
Displays

Gigabit managed switch

3G RX   3G RX

3

HDMI 1.X   HDMI 2.0
HDCP 1.X   HDCP 2.2

Right diagram (2 input 6 output with video wall)

1

3G TX 3G TX

HDMI 1.X
HDCP 1.X

HDMI 2:0
HDCP 2.2

4

Control system controller

2

3G RX

3G RX   3G RX

3

3G RX   3G RX

3G RX

ULTRA HD IP

FROM Just Add ▪ Power
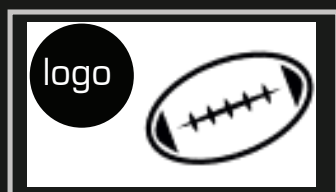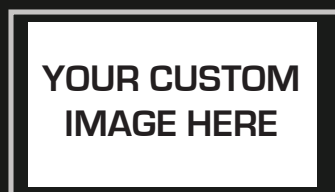
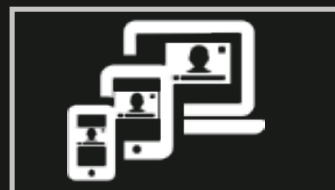|			
logo	YOUR CUSTOM IMAGE HERE	PoE	
Image Logo Overlay	**Default Image**	**Power over Ethernet**	**USB,IR & CEC over IP**
HDCP 2.2 HDMI 2.0	dts · DOLBY DIGITAL · DOLBY ATMOS · STEREO		4K HDR-HDR10
Supports All 4K Sources	**Supports All Audio Formats**	**Ultra Low Latency**	**Most Modular Design**
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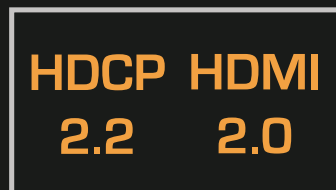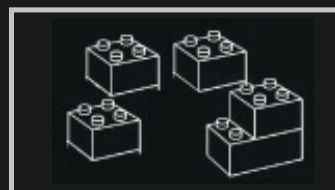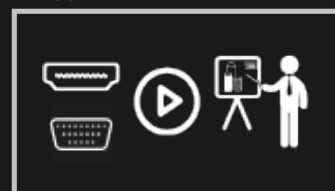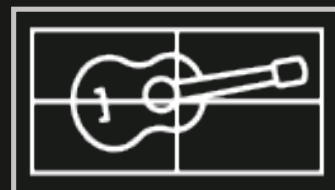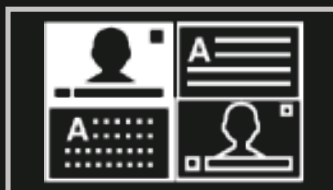
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