



# 3G ULTRA 4K30

The Just Add Power 3G Ultra system is a 4K30 HDMI over IP distribution matrix. It can accept 4K60 video input, but will output video at a maximum of 4K30.

3G Ultra devices are compatible with 2G Omega devices.

**MaxColor and 3G Ultra are not compatible. They are independent systems that can run on the same switch and be integrated with additional hardware.**

## System Wide Features

### Transmitters

- Encodes 4K30 or lower resolutions
- Supports HDCP 2.2
- 4K60 compatible at 4K30
- HDR: HDR10, HLG, SDR
- Seamless switching
- Integrated endpoint control
- Zero detectable latency
- EDID management
- POE powered (unless otherwise noted)
- Plug-Play-Present
- Image pull
- All 3D formats supported

### Receivers

- 4K30 & lower resolution support
- Resolution output scaling
- HDR: HDR10, HLG, SDR
- HDCP 2.2
- All lossless audio supported
- Integrated video scaler
- Seamless switching
- Integrated endpoint control
- Video wall with rotation
- EDID management
- POE powered (unless otherwise noted)
- Plug-Play-Present built-in
- DHCP Integration
- Image push, pull & pop
- On screen display
- All 3D formats supported

#### Key

Best Seller

683615347304



#### 707POE

4K Standard Transmitter

683615347458



#### 708POE

4K Transmitter w/ Stereo Audio Extraction

683615347403



#### 709P2P

4K Point-To-Point Transmitter w/ POE injector

683615347250



#### 717HIFI

4K Transmitter w/ HDMI loopout

683615347229



#### 718AVP

4K Transmitter w/ Dolby DSP, USB & Stereo out, Mic- & Line-in

683615347526



#### 767AES

4K Transmitter w/ AES67 audio (LPCM up to 8CH)

Step # 1

Pick Transmitter

Device Description	707POE	708POE	709P2P	717HIFI	718AVP	767AES
All Lossless Audio Supported	✓	✓	✓	✓	✓	✓
Built-in POE Injector up to 40W	✓	✓	✓	✓	✓	✓
AES67						✓
HDMI Loopout				✓		✓
KVM Support					✓	
Rackmount Option	✓				✓	
Stereo Audio Output 3.5mm		✓			✓	

683615347281



#### 508POE

4K Standard Receiver

683615347380



#### 509POE

4K Daisy-Chain Receiver w/ added POE Network Out

683615347212



#### 518AVP

4K Receiver w/ USB and Stereo Audio Out

683615347236



#### IRD

IR Control

Serial to IR

Adds IP to IR control

Compatible with any 2G/3G RS232 port

683615347397



#### RS1U

Rackmount Shelf

19" rackmount shelf

Compatible with MaxColor, 3G Ultra & 2G Omega products

Holds up to 13 devices

Max 5U high

Step # 2

Pick Receiver

Device Description	508POE	509POE	518AVP
Analog Audio Out			✓
KVM Support			✓
Network Out Port		✓	
Single Port Supports Multiple Receivers		✓	

Step # 3

Pick Accessories

IR Control	Rackmount Shelf
Serial to IR	19" rackmount shelf
Adds IP to IR control	Compatible with MaxColor, 3G Ultra & 2G Omega products
Compatible with any 2G/3G RS232 port	Holds up to 13 devices
	Max 5U high



**Step #4  
Pick Extra Features**

**Key**

Best Seller

	683615347441	683615347328	683615347311	683615347465	683615347434	683615347359
						
	<b>707WP2</b>	<b>717WP2</b>	<b>718WP4</b>	<b>ST1</b>	<b>737POE</b>	<b>759A</b>
Device Description	4K Wallplate Transmitter	4K Wallplate Transmitter w/ USB & VGA Ports	4K Wallplate Transmitter w/ Dolby DSP & HDMI Out	Sound Transceiver Audio-only	Warp Engine Transmitter w/ 360° Video Rotation	Video Tiling Transmitter
All Lossless Audio Supported	✓	✓				
Artistic Video Wall					✓	
Audio Input - Transmitter <i>ST1</i>				✓		
Audio Mixing			✓			
Audio Output - Receiver <i>ST1</i>				✓		
Colors: Black, White or Custom	✓	✓	✓			
Custom Layouts						✓
Dolby 5.1 Downmixing			✓			
HDMI Input	✓	✓	✓			
HDMI Loopout						✓
Integrated Endpoint Control				✓		
KVM Support		✓	✓			
Stereo Audio Output				✓		
Stereo Audio Input		✓	✓	✓		
Stereo Audio Output 3.5mm			✓	✓		
VGA Input		✓	✓			
Video Rotation 0.1 degree increments					✓	
4 Sources on 1 Display						✓

**Case Study**

**Commercial** *Entertainment Center*  
**EVO Entertainment Multiplex**  
 Location: Schertz, Texas  
 Integrator: Mood Texas

EVO Entertainment had a vision to pack their 73,000-square-foot facility with nearly 100 displays consisting of video walls, outdoor displays, signage and more. Integrator Mood Texas was called upon to complete their vision of a high-tech establishment with flawless audio and video distribution. Thanks to Just Add Power's easy installation, seamless switching, video wall functionality, and other features, EVO Entertainment's high-tech vision was turned into a reality.





## Just Add Power AV over IP

Just Add Power introduced HDMI/AV over IP to the professional AV industry in 2008. Since being the first to bring this protocol to market, the company has expanded and improved its products, focusing solely on developing the most outstanding AV over IP solutions imaginable.

There are several benefits to choosing Just Add Power for your AV over IP system.

**Continuous advances** - Just Add Power employs a proprietary chipset and codec developed by the company. This combination has been specifically designed to provide the highest quality performance and work reliably for years. It is designed to encode and decode AV signals flawlessly, with ultra-low latency that is not visible to the human eye.

Because it is designed by the company, the codec can be re-engineered as advances in technology are made. Devices are designed to accept firmware updates for these advances, increasing their performance and feature set - even for existing systems.

**Unique features** - Because of its proprietary chipset and codec, and its engineers' ongoing role in design and improvement, Just Add Power devices can integrate unique features that are not found in other systems. Tiling, image rotation, and 8-channel Dante audio integration are just a few of these system options.

**Seamless Integrations and Support** - Just Add Power works with its design team, technical development staff, and integration partners to ensure that all elements of an AV system are working together seamlessly. Drivers are provided for most major control systems and an open API is offered for those who would like to develop their own. Switches that meet system capability are tested and certified to work with Just Add Power devices. The company's installation software makes it a simple step by step process to configure the devices in a system.

Because all of this work is done in-house, the company's technical support staff is able to assist integrators with installation and maintenance of a system with the knowledge base necessary to troubleshoot most issues, even if they aren't caused by Just Add Power devices.