

## Just Add Power 3G Ultra HD over IP Converter Ships

Written by Marco Attard  
04. 11. 2015

---

Just Add Power starts shipping the 3G Ultra HD over IP video distribution system with built-in scaler and seamless HDCP handler.



First seen at CEDIA 2015, the "platform" provides video matrixing of 4K signals via HDMI 2.0 and HDMI 1.x sources to any combination of HDMI 2.0 and 1.x screens over a gigabit network and Cat 5e/6 infrastructure. A combination of 3G Ultra HD over IP transmitters and receivers alongside a Layer 3 gigabit managed switch allows installers to build any size of 4K-capable/HDCP 2.2-compliant HDMI matrix, with each screen displaying source content at the highest resolution at 4:2:0 colour bit depth.

Ideal for home routing projects combining 4K/HDMI 2.0 TVs with legacy 1080p/720p TVs, the 3G Ultra HD over IP transmitters and receivers can be deployed alongside a gigabit managed switch to simultaneously display a 4K source with HDCP 2.2 in 2160p on 4K displays and 1080p on HD displays, as well as lower resolutions on older HD TVs.

The transmitters handle all HDCP and scaling-- with bi-directional scaling allowing the receivers to both downscale 4K signals to 1080p or lower and upscale 1080p signals to a maximum of 2160p.

In addition the system supports all uncompressed multichannel audio formats, including object-based formats such as Dolby Atmos and DTS:X. An on-board Dolby Digital DSP processor converting Dolby Digital 5.1 to Dolby PL II before sending to receiver locations, allowing for 5.1 output in every multi-channel zone and 2-channel output to all stereo zones. Stereo audio extraction features adjustable lip sync delay (up to 170ms) and full variable audio control is available on both transmitters and receivers.

## Just Add Power 3G Ultra HD over IP Converter Ships

Written by Marco Attard  
04. 11. 2015

---

3G devices support 2-way CEC and IR control, and free drivers are available for 3rd party controllers, including Control4, Crestron, RTI, AMX, Elan, On Controls and URC. A Savant profile is also available, as is Media Switch software for control from PC and Mac.

"We've safeguarded our dealers' investment in our product, as earlier Just Add Power systems can remain in place and 4K sources and screens can be integrated by bridging 2G and 3G systems on the same network," the company adds. "For existing dealers we have created detailed documentation on how you can best create a blended 2G/3G system for when your clients decide to add 4K/HDMI 2.0 devices to their current setup."

Go [3G Ultra HD over IP Transmitters and Receivers](#)