



2G/2G+

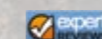
Large-scale HDMI distribution over an IP network

HDMI over IP from Just Add Power is the Ethernet network based HD video distribution system that's changed the way integrators approach projects of any size.

Unencumbered by the fixed input/output constraints of traditional HDMI matrices, HDMI over IP creates a network of HDMI devices, scalable to any size, from 1x1, to 4,000x65,000 (& everything in between).

Just Add
Power

HDiP

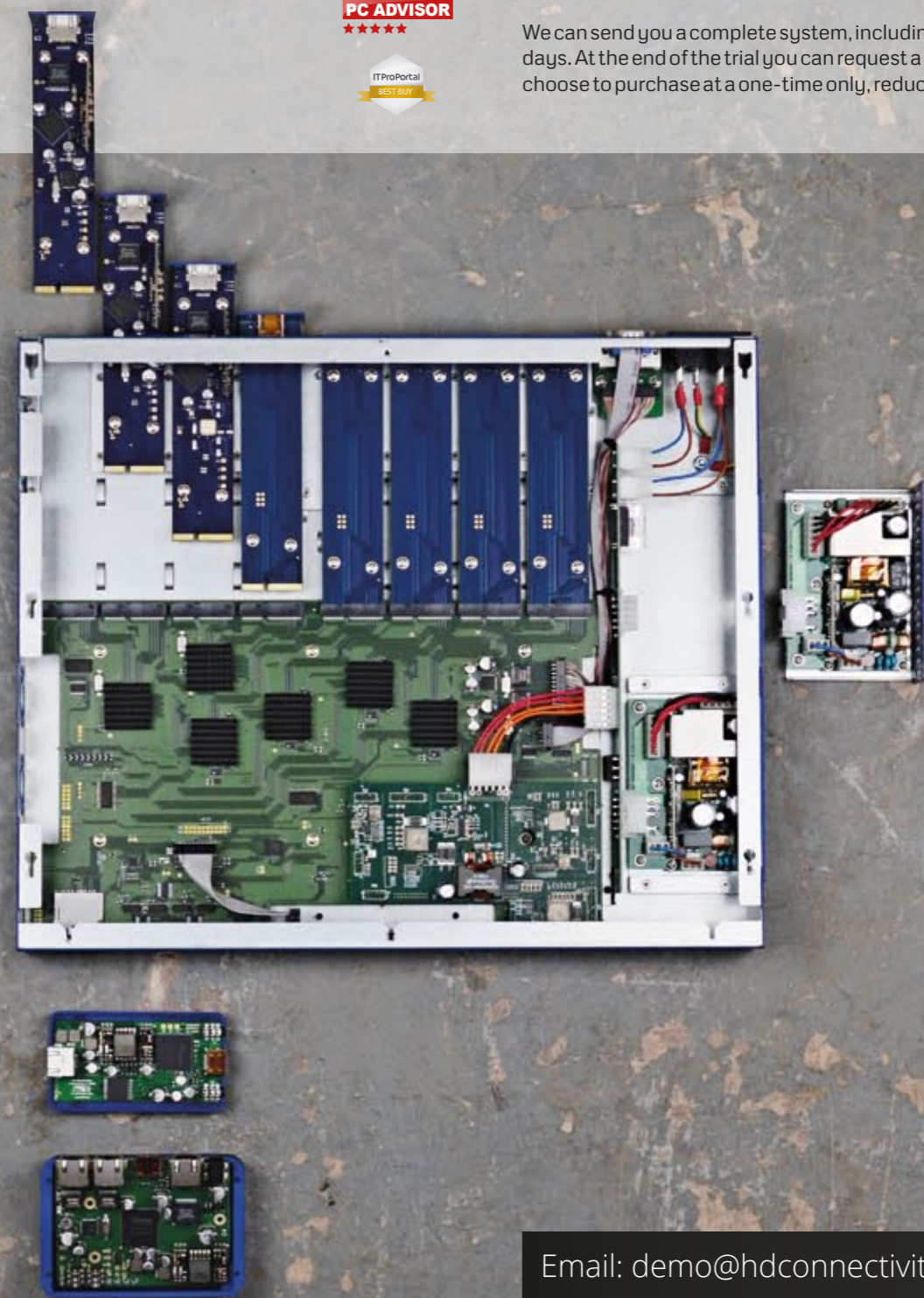


Don't just take our word for it.

Loan one of our systems on demo
and judge for yourself.

Experience first-hand why our systems keep winning awards with
our demo loan packages.

We can send you a complete system, including drivers, to trial for 30
days. At the end of the trial you can request a courier collection, or
choose to purchase at a one-time only, reduced demo price.



Email: demo@hdconnectivity.com

Think network. Not matrix.

Just Add
Power

Just Add Power Inc is the global leader in HDMI over IP-based video switching and distribution solutions.

Just Add
Power
2G+
HD over IP™

Enhanced Gigabit Receiver



Just Add
Power
2G+
HD over IP™

Enhanced Gigabit
Power over Ethernet Receiver



Just Add
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HD over IP™
2G+ Rackmount Transmitter

HDiP is limitless HDMI distribution

HDiP is changing the way installers deliver large multi-zone HDTV and video wall projects. By harnessing the flexibility and scalability of ethernet networks, HDiP overcomes fixed port size input/output constraints of legacy HDMI matrices to achieve a system of the right size.

When used in conjunction with a compatible Managed Ethernet switch, a flexible, any-combination HDMI matrix switching and distribution solution can be created.

Practically Limitless (source x display) distribution combinations can be created. It is theoretically possible to have a 4000-source x 65,000 screen matrix switch.

This is made possible by the process of 'stacking' compatible Ethernet switches to grow beyond the normal 48 port limit. Only the number of ports available on your chosen Ethernet LAN setup limits the scope of the project.



Andrew Hudson

"It has allowed us to produce an innovative, flexible and cost effective solution for our customer which they are very pleased with."



Bert McGaughey

"Just Add Power is a scalable, profitable solution for installs of all sizes"

2G & 2G+

HDMI over IP comes in two ranges, 2G and 2G+ each with different feature sets. 2G and 2G+ units are compatible with each other, so can be mixed and matched in a single HDMI network. Meaning you can have the enhanced feature set where you want it and not where you don't.

Feature Comparison

2G+ 2G

- Instant switching ● ●
- Video wall enabled ● ●
- Any Size Matrix ● ●
- POE Receiver Model Available ● ●
- HDMI Pass-through port (TX only) ●
- USB over IP supported ●
- Integrated Stereo Audio Extractor ●
- Integrated Audio Delay ●
- RS232 on 3.5mm Interface ●
- Locking HDMI Cables supported ●

Stereo Audio Extraction at both the Receivers and Transmitters. With adjustable lip sync delay via software or physical buttons on the base of the unit.

Transmitter HDMI passthrough port for taking video from your source onwards to other devices and for easier implementation of High Quality mode for Video Wall applications.

USB over IP Allowing keyboards, mice and even game controllers to be attached to the 2G+ devices and communicate over the network

The RS232 port integrated Null Modem, making connections to serial controlled devices even easier.

Support for Locking HDMI cables

CEC over IP independent processor allowing CEC commands to be sent to displays and sources.



Transmitters (1 Per Source)

These units encode HD sources for distribution on the HDMI over IP network. Available as a single input format or a 19" rackmount unit with 3 inputs.

2G+TX	VBS-HDMI-418A	2G+POETX	VBS-HDMI-418POE
2GTX	VBS-HDMI-408A	2GPOETX	VBS-HDMI-408POE
2G HD-SDITX	VBS-SDI-428POE		
2G+ Rackmount TX	VBS-HDMI-449A		
2G Rackmount TX	VBS-HDMI-439A		



Receivers (1 Per Display)

These units decode sources from a HDMI over IP network to a HDMI output for connection to a display. Available with PoE capability or standard 5V power supply configurations.

2G+RX	VBS-HDMI-218A
2G RX	VBS-HDMI-208A
2G+POERX	VBS-HDMI-218POE
2GPOERX	VBS-HDMI-208POE



Managed Switches (Distribution Hub)

Sitting at the heart of a project, it allows the creation of a HDMI over IP distribution network.

Cisco SG300 Switch Series	8, 20, 28 & 52 ports + PoE option
Cisco SG500 Stackable Switch Series	28 & 52 ports + PoE option
Cisco SG500X Stackable Switch Series	24 & 48 ports + PoE option



NB. Other supported (but not sold by HDC) see website.

POE Injectors

For use with 2G and 2G+ POE Receiver units as well as any other 10/100 or gigabit POE device. A more cost effective and neat way to add POE to your HDMI over IP network without wasting POE ports.

Planet Individual Injector	POE-152
Planet 12 Way (12 Individual Injectors)	POE-1200G
Planet 24 Way (24 Individual Injectors)	POE-2400G



IP Control Drivers

Take the headache, hassle and guesswork out of programming your control system and gigabit switch with ready-made drivers. A custom driver service is also available providing solutions to suit all projects.

Crestron	Control4	AMX
URC	Savant	Elan
RTI	NetStream	



Now available worldwide: justaddpower.com



More Play™ Firmware

The HDIP-2G platform is continually made better with new features and improved performance through regular (and free) firmware updates to dealers. No other video distribution solution in the world delivers so much rich function over a single CATx cable. Just Add Power calls this incredible feature-set 'More Play™', the latest features to have been added in version 5.2.0 are Image Pull (aka HDMI snapshot) and Image Push (custom splash screens)

More info available at:

www.justaddpower.com



Image Pull

Real-time HDMI snapshot

Over the HD/IP network you can **PULL** a BMP picture from the 2G/2G+ Transmitters or Receivers. This ability to take an HDMI 'snapshot' allows the owner to be certain what is being shown anywhere on the HDMI over IP network at all times. Custom Applications can present a relatively live image at up to 10fps. This type of realtime confirmation is not possible with legacy HDMI Matrix solutions.

Image Push

JPEG Image Splash

Over the network you can **PUSH** a JPEG picture onto any or all of the 2G/2G+ Receivers. This includes support for storing multiple JPEG images on the Receivers, allowing these HD/IP devices to function as digital signage players. If the network goes down, the saved picture(s) can automatically be shown instead of an annoying or unprofessional blank screen.

Video Walls

In-built Scaler

The HD/IP **Video Wall** App is a free option for the 2G/2G+ HD over IP family of products. This App can accommodate anything from a 2x2 up to an 16x16 video wall, and any just about any combination within that (i.e. 2x4, 1x8, 5x5, 6x2, 6x14, 12x16).

Everything Everywhere™

Everything Everywhere (EE), the group formed by the merger of Orange and T-Mobile in the UK, chose HD Connectivity as their HD distribution and control product specialist in partnership with Fujitsu UK to provide a bespoke multimedia install in over 100 new retail stores.

The bespoke solution uses **2G Just Add Power HD over IP technology**, giving sales staff iPad control over the content being shown on a multitude of HD displays and large 2x2 15ft videowalls in most stores. Staff can instantly switch between various HDMI content sources, including demonstrations from micro-HDMI enabled mobile handsets, a head office ad-server, Blu-ray or Apple TV whilst choosing whether to show them on just one screen in the videowall array or full-screen on the entire videowall.

The jewel in the crown of Everything Everywhere's new stores will be White City in London. Featuring a 2x2 video wall, 12 individual displays and 20 input sources, control will be overseen by custom built software controlled via multiple iPads around the store.

The completed solution can be seen and demonstrated in almost all EE stores around the United Kingdom.





Just Add
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