



DISCOVER OVER 350 ADVANCED AUDIO VISUAL SOLUTIONS AT  
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distributed by Distribution AG

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# CYP IP PRODUCT & SYSTEMS GUIDE



# Effortless Configuration & Simple Control, Video over IP as it should be...!

The IP-CS7 is a powerful and flexible installation solution for controlling the IP-7000's. It is capable of simultaneously managing multiple IP extenders across the same network. The unit only requires installation within your network to start the configuration process. The IP-CS7 will search and discover all Transmitters and Receivers on the network, enabling simple configuration of a uni-cast or multicast installation.

When using the IP-CS7 WebGui, it is possible to define and control all of the TX/RX's on the network. It also allows the user to create pre-determined switching groups or pre-sets for added control. The on board set up 'Wizard' adds simplicity to the installation process, guiding the installer through the setup and control features of the unit.



IP-7000TX



IP-7000RX



IP-CS7-Rear

## IP-CS7

- /// PoE & Mains Powered
- /// Simple drag and drop control of input sources with visual preview
- /// Trigger input allows for simple touch button control of pre-sets
- /// Add more TX/RX's to an existing system with ease

- /// WebGui setup wizard for simple system set up and control with admin rights
- /// WebGui status of all connected TX's & RX's including IP Addresses and swapping features
- /// Enables simple configuration and management of multiple IP-7000 devices via WebGui
- /// Supports point to point (unicast) and many to many (multicast) signal routing

## IP-7000TX

- /// HDCP 2.2, HDMI and DVI Compatible with HDMI and VGA input
- /// Supports video transmission over IP up to 100m
- /// Supports resolutions up to 4K2K@30Hz (RGB 4:4:4) or 4K2K@60Hz (YUV 4:2:0)
- /// Supports pass through of HD Audio formats (LPCM, Dolby® Digital and DTS®)

## IP-7000RX

- /// Independent Audio Transmission 3.5mm Jack
- /// Features 2 x USB 1.1 and 2 x USB 2.0 ports
- /// 3 x RJ45 LAN Ports
- /// Mic Output 3.5mm Jack
- /// Control via OSD, Telnet, Web Gui, IR Remote and RS-232

## IP-CS7 WebGui Interface

When using the IP-CS7 WebGui, it is possible to define and control all of the TX/RX's on the network. It also allows the user to create pre-determined switching groups or pre-sets for added control. The on board set up 'Wizard' adds simplicity to the installation process, guiding the installer through the setup and control features of the unit.

Dual LAN connectivity on the device allows the system to run on a bespoke IP network whilst the additional LAN allows for connection to a secondary network for control and configuration. This is particular useful when access maybe prohibited via the LAN network, the IP-CS7 provides a direct link to the IP video network.

Using the WebGui the user has access to a 'Monitor & Control' area for simple drag and drop control and switching of sources. In this mode the user can see a preview of the content being delivered from the source. The system setup area of the WebGui has protected access rights so to prevent any changes being made to the system by other users. An alternative control method of the device can be achieved by using the Trigger Input interface. This interface allows the user to activate pre-defined functions or pre-sets at the touch of a button. Standard control of the device can be achieved using RS-232, Telnet and the WebGui.



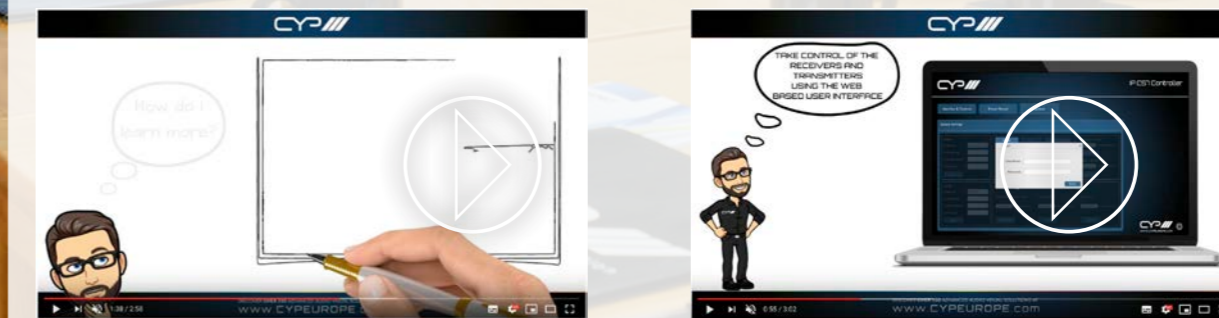
## AV over IP? Check out our free one-day intensive training course!

The CYP Video over IP Installation training seminar is a one-day course. A hands-on course with lots of practical sessions, any delegate that attends will leave with the confidence of knowing the ins and outs of IP networks and the confidence to easily install and control video transmission products to achieve the highest-possible quality levels

With a clear understanding of the theory, the course moves on to the practical side, giving delegates a full understanding of how to configure a network switch for the perfect integration of CYP products into a system. At this stage, the IP-7000RX/TX extender kit will be introduced and CYP will explain how relatively simple it is to integrate, set up and manage, particularly using the IP-CS7. This powerful IP system controller and configurator is capable of managing multiple IP extenders across the same network, enabling unicast and multicast installation using its comprehensive WebGui.

Once completed, delegates on the course will have a comprehensive understanding of IP installations and how to achieve the best results when integrating video. Crucially, they will have the essential knowledge of how to trouble-shoot an installation and the confidence required when discussing this new technology in project meetings with client IT departments.

Courses are free and available throughout the year, hosted either at CYP's Shepperton HQ or at venues across the UK and Europe. Keep an eye on the training page of the CYP website to see when the next CYP IP training session is available.



Visit our Youtube channel for more videos:  
[youtube.com/user/CYPEuropeLtd](http://youtube.com/user/CYPEuropeLtd)

## Long distances and 4K UHD? Get the full suite with SDVoE Technology

Thanks to its ability to handle huge bandwidth over long distances, SDVoE technology is an excellent option when it comes to AV installations, particularly in the corporate sector. But it is not just about distance – when using fiber, the signal is immune from any air-bound RF (Radio Frequency) and magnetic interference to the signal. Whether it is a point-to-point installation, multiple sources feeding multiple displays or a single source feeding a display wall, our range of SDVoE products offers a wide range of solutions for any application.

### SDV-CTR<sub>X</sub> - 4K UHD+ HDMI over IP (CAT 10GbE) Transceiver

- /// HDMI 2.0 and DVI 1.0 compatible
- /// HDCP 2.2 and HDCP 1.x compliant
- /// Can be configured to function as either a Transmitter or a Receiver (functions as local input in RX mode)
- /// 1 HDMI input
- /// 1 HDMI output (Functions as local monitor output in Transmitter mode)
- /// 1 analogue stereo jack (switchable between input/output mode)
- /// IP switchable with minimum latency (requires optional control centre or control software)
- /// Ultra-light compression, lossless for most content



SDV-FTRX

### SDV-FTR<sub>X</sub> - 4K UHD+ HDMI/DP over Fiber (10GbE) Transceiver Spec as SDV-CTR<sub>X</sub> with additional:

- /// Extended distance using fiber technology
- /// The addition of a Display Port input



SDV-CTR<sub>X</sub>

## The brand new SDV-CS8 Now available to order

### AV over SDVoE Master Controller & Configurator

The SDV-CS8 is a powerful and flexible solution for controlling multiple SDVoE extenders within same network. The SDV-CS8 provides effortless configuration of the extenders (Transmitters, Receivers or Transceivers) to easily define and configure channel routing using the WebGUI. It is also possible to define and switch routes using customized groups or presets over multiple video zones.

- /// Enables the management and configuration of multiple compatible SDVoE extenders through a single WebGUI
- /// Control over matrix, video wall, and multi-viewer modes using WebGUI presets
- /// Rapid Switching time between transmitters
- /// Definable display groups
- /// WebGUI clearly displays the status of all connected Transmitters and Receivers, including IP address, channel selection
- /// HDMI output displays the WebGUI and system status
- /// Dual LAN ports enable control over the local network as well as independant access to the controller separate to the distribution network
- /// Supports the use of a USB mouse and keyboard providing control of the WebGUI (Optional)
- /// Can be powered directly by Power over Ethernet (PoE) when connected to an Ethernet switch that follows the 802.3af PoE standard
- /// Trigger Control Keypad support for simple single-button preset activation
- /// Standard control is available via WebGUI (remote or local), RS-232, Telnet, IR Remote and triggers



SDV-CS8

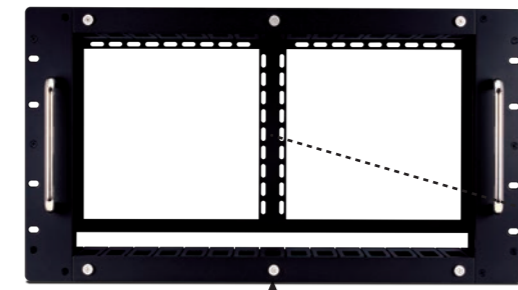


# Hospitality IP System Solution

## Benefits

- /// Drag & Drop Control System via WebGui
- /// Simple Wizard Control Setup
- /// Audio Input/output
- /// PoE TX & RX's Groups & Presets
- /// PoE Power options
- /// Two way IR

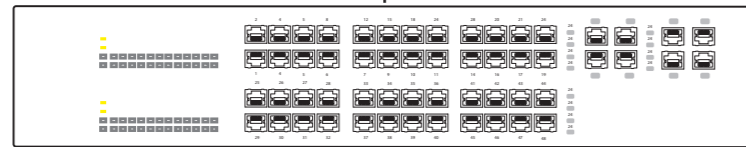
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RAX-600



1 x IP-CS7  
As Required For Whole System



1 x 48 Port 1G Network Switch



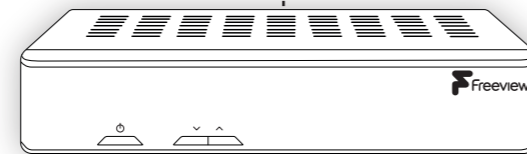
1 x IP-7000TX  
Per Source



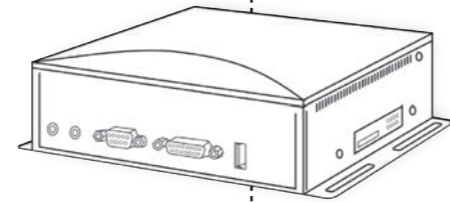
1 x IP-7000RX  
Per Display



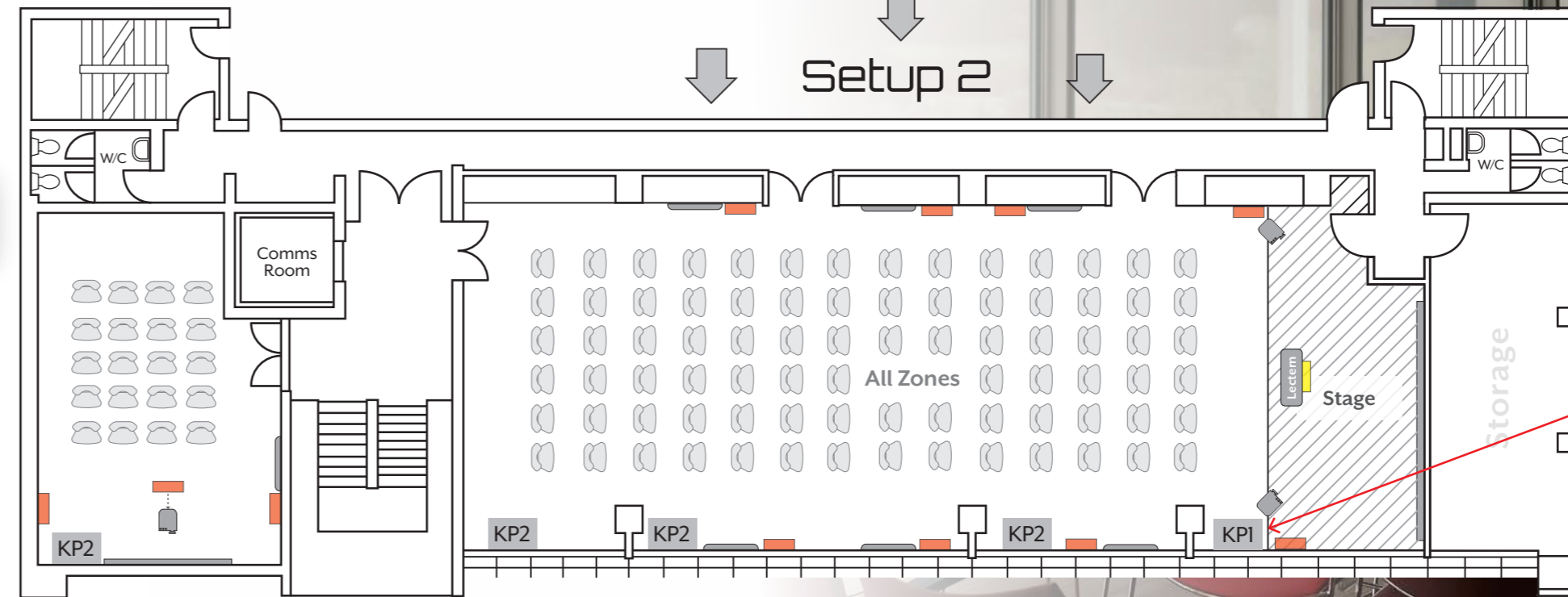
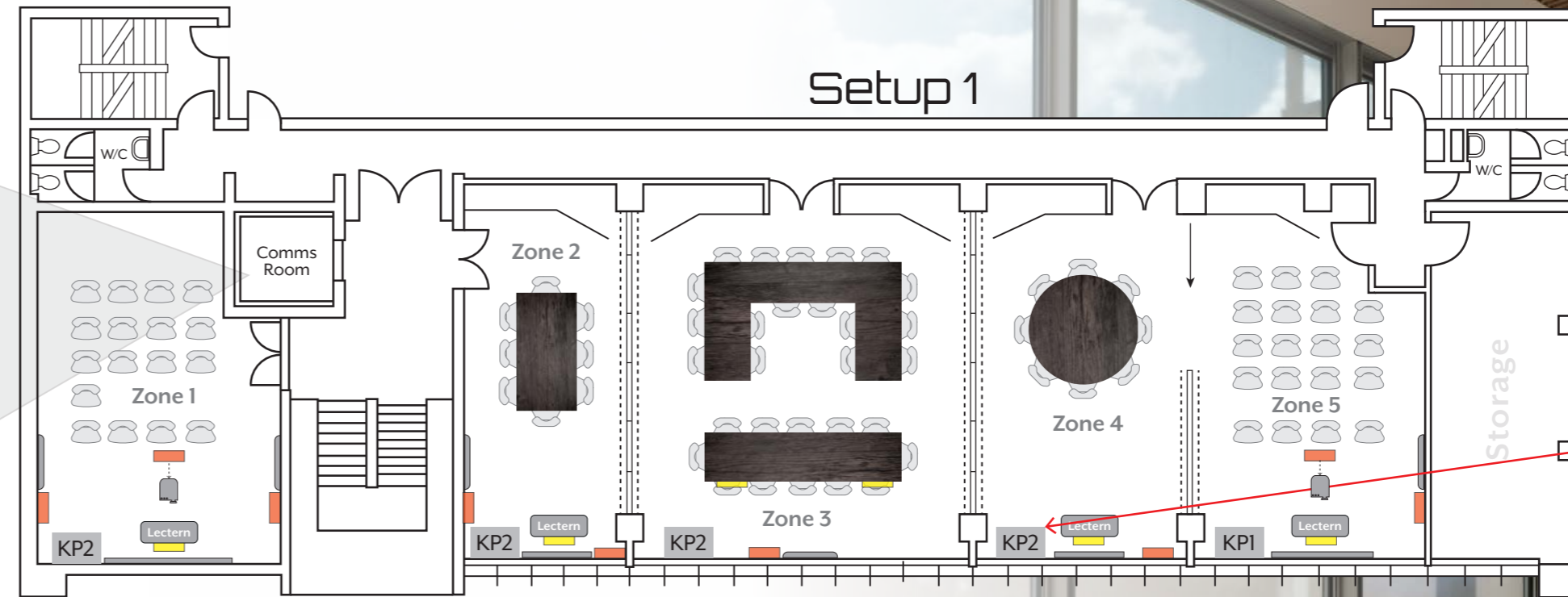
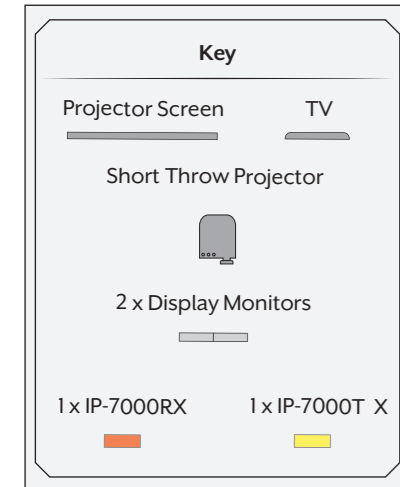
\*Any number of Sources can be added



Freeview Box



Signage Player



KP2

Or 3rd party solution



KP1

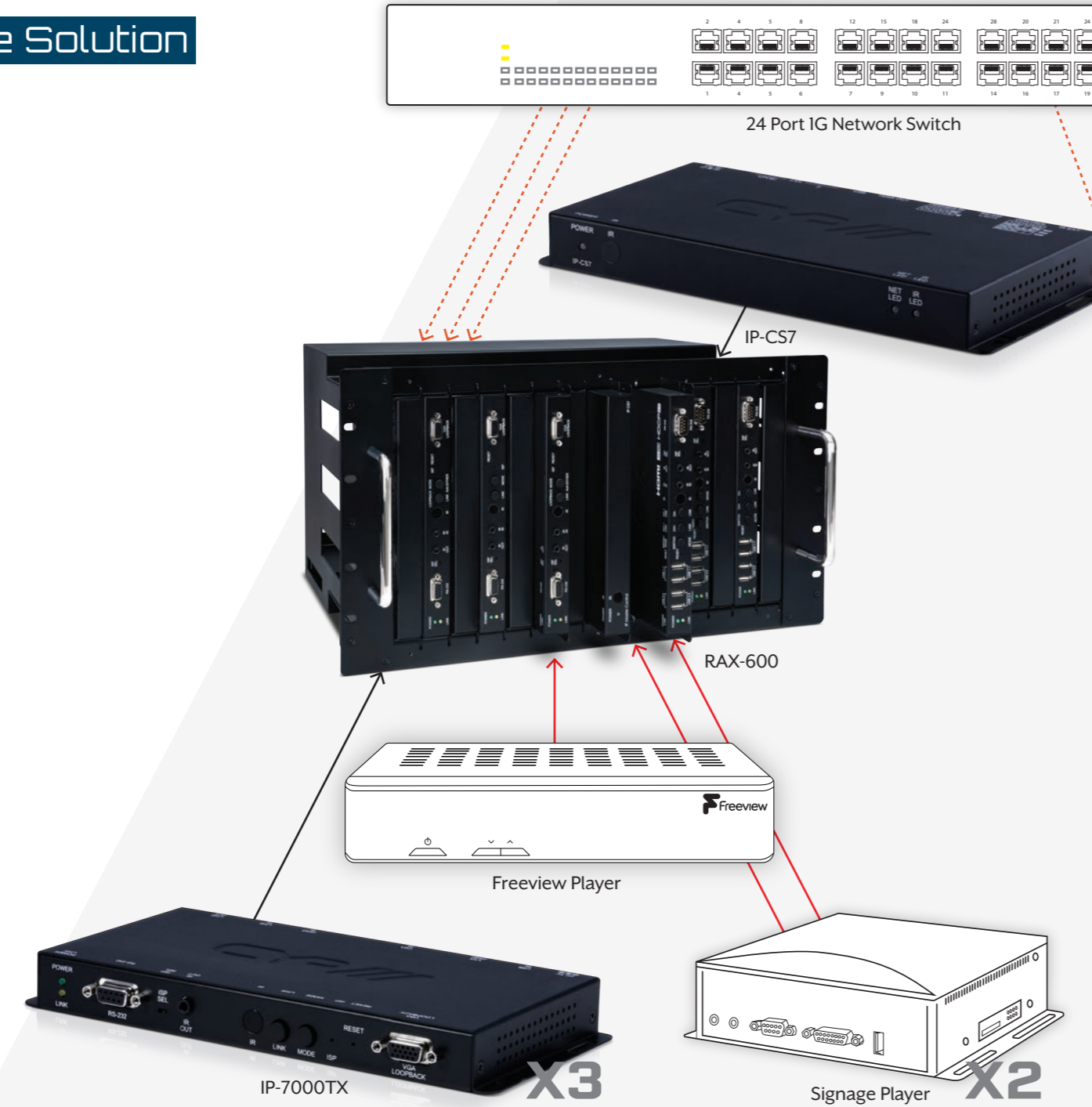
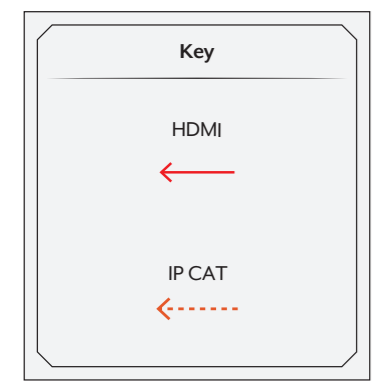
Or 3rd party solution

distributed by **SYS COM (P)C** Distribution AG

# IP Matrix Signage Solution

## Benefits

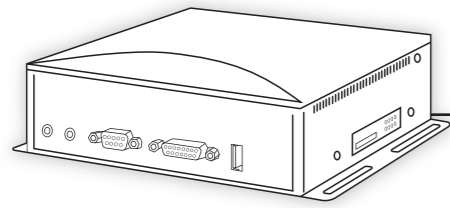
- /// PoE Power options
- /// Two way IR
- /// Simple wizard setup procedure
- /// Trigger input for control
- /// Drag and drop WebGUI control
- /// Groups and preset configuration
- /// Flexible and scalable IP System
- /// Audio Input/output
- /// USB Connectivity
- /// Cascadable RX's



# IP: 'One to Many' System Solution

## Benefits

- /// Flexible and scalable IP System
- /// VGA and HDMI inputs
- /// Audio Input/output
- /// IP-7000 Cascadable distribution system
- /// Single source to any number of displays without network switch
- /// Star configuration



Digital Signage Player

Each RX is delivering the source to a display.



IP-7000TX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



# Fiber Operations Room System

## Benefits

- /// Enables the management and configuration of multiple compatible SDVoE extenders through a single WebGUI
- /// Control over matrix, video wall, and multi-viewer modes using WebGUI presets
- /// Definable display groups
- /// WebGUI clearly displays the status of all connected Transmitters and Receivers, including IP address, channel selection, etc.
- /// HDMI output displays the WebGUI and system status
- /// Dual LAN ports enable control over VoIP installations that reside on a logically or physically separate network from the standard local network
- /// Supports the use of a USB mouse and keyboard to locally control the WebGUI (Optional)
- /// Can be powered directly by Power over Ethernet (PoE) when connected to an Ethernet switch that follows the 802.3af PoE standard (Optional)
- /// Trigger Control Keypad support for easy, single-button, preset activation (Optional)
- /// Standard control is available via WebGUI (remote or local), RS-232, Telnet, IR Remote and triggers

## Also available is the SDV-CTRX



Every installation is different, and CYP adapt our products to your surroundings so you don't have to compromise on your preferred cable infrastructure. Our SDVoE models are available in CAT or Fiber connectivity types, operating via a 10G network switch. If you have both cable types on site, our CAT and fiber solutions are able to run harmoniously together.

