



ISE 2020

Show Guide

Welcome to ISE 2020

The Hub of All Corporate and Custom Install AV Distribution

Welcome to CYP at ISE 2020 - The AV Distribution experts for both the commercial and custom install markets!

This year you will notice a change to our show guide, as we have chosen to educate rather than just talk new products. That is not to say that we don't have lots of new products to show you but rather we wanted to give you something to take away that you can use on a daily basis, such as our system solution technology guide and our easy-to-follow fault finding cribb sheet (see the back of the sheet for more).

Our R&D engineers have been busy developing lots of new products since last year's show, with the fruits of their labours available to see for the first time at ISE this year! Key products to look for include:

PUV-1630RTX – as an addition to our expanding association with commercial power and lighting company CMD, the PUV-160RTX is a flush-mount table top transmitter perfectly designed to use in boardrooms and huddle spaces for discrete connectivity.

We have been working along side the SDVoE Alliance to develop a new range of extenders and matrices that combine fiber connectivity with LAN infrastructures. Capable of distributing a 4KHDR (6G) signal over a 10G IP Fiber Network with almost zero latency, our SDV range (SDV-CTR, SDV-FTRX and SDV-CS8) is ideal for those installations that require either high-bandwidth AV or data transmission or long runs of up to 30km.

HDBaseT continues to be enhanced, with our MOD-X featuring our AVLC technology (see reverse of this guide for further information) for true 4K UHD video compatibility. Also on stand is our award-winning MA-421 mini-matrix, having secured a 5 out of 5 review in the UK's popular Home Cinema Choice magazine.

But these are just a few of the many products we have on show. Use this guide to our stand so that you don't miss anything and thanks again for visiting. Please feel free to ask any of the CYP experts to show you around.

We hope you enjoy ISE 2020 as we say farewell to Amsterdam and ¡hola! to Barcelona in 2021!

Martin Featherstone
Commercial Director – CYP Europe

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PUV-1630-RTX In-Desk HDBaseT Transmitter

MODX-1616 Modular HDMI/HDBaseT System

MA-421 Compact HDBaseT Matrix

POWER T/R SOURCE

POWER T/R SOURCE

SDV-FTRX

SDVoE™ ALLIANCE

SDV-CS8

2DA-C28

SDVoE AV over IP

SDV-CTR

2DA-C14

Find your way around our stand

Here's a map to show you where the key products and interactive product demonstrations are.

Alternatively, just ask any of our CYP representatives who will be delighted to show you around.

RAX-300



3U Modular Rack Mount System

The RAX series of racking solutions offers installers the ideal solution to house multiple components neatly and securely, whilst still offering simple access for servicing. The RAX-300 is a 3U rack mount housing conforming to standard rack depth and width sizes. Capable of housing up to 15 individual components, the RAX-300 can also be specified with power and thermal management accessories.

IP-CS7



Video Over IP Control System

The cornerstone of our IP-7000 range of extenders, the IP-CS7 is a powerful and flexible installation and management solution that is capable of simultaneously managing multiple IP extenders (either in a single or multi-cast configuration) across the same network. Simply install the IP-CS7 onto any network and it will search for and discover all of the compatible devices, including the new IP-7000TXWP, allowing for simple set up and configuration via the WebGUI.

MA-421



HDMI Input & HDBaseT/HDMI Output Matrix and Amplifier with AVLC, 4KHDR

Introducing our award-winning MA-421, the perfect AV distribution solution for apartments and small residential installations or even family homes. Offering four HDMI inputs, one HDBaseT output, one HDMI with mirrored HDBaseT output, 20W power amplifier and app control. The MA-421 is our latest AV Distribution Matrix and the first to feature our new CYP Control app.

EL-2600V



4K UHD+ HDMI/DP/VGA/USB over HDBaseT Transmitter with Trigger Control

Designed to power lecture theatres and interactive displays, the EL-2600V combines bi-directional Ethernet and USB 2.0 data transmission with 4K@60Hz video to run over up to 100m over Cat6/7. When combined with its partnering PUV-2600RX this HDBaseT combination offers excellent performance for most commercial applications.

MODX-1616



16 x 16 Modular Matrix with Audio Matricing

Our most flexible modular matrix yet, the all new MOD X features up to 16 inputs x 16 outputs in multiples of four, allowing integrators to set up bespoke distribution systems across a wide range of connectivity options. Available now, the MOD X will ship with the choice of HDBaseT™, HDBase™ and HDMI input/output boards, Audio De-embedding, redundant power supplies and RS-232, Telnet, IP & IR control.

EL-8500VA



9 x 2 Multi format presentation scaler with HDBT I/O

The perfect device for lecture theatres, retail displays / control and meeting presentations. The EL-8500VA is a video and audio switcher that includes HDMI, USB-C and VGA source inputs out to a single HDMI and HDBaseT ports. Also included is a mic input for speech, along with six switched analogue audio inputs that can be routed to either a line level or built-in 20W per channel stereo amplifier.

PUV-1082-PRO



10 x 10 HDMI HDBaseT Matrix with Audio Matricing & AVLC

Designed for the Professional AV Installer, this flagship matrix supports video transmission (up to 4K UHD 10/12-bit HDR & Dolby Vision, HDCP 2.2, HDMI2.0) and multi-channel digital audio from 10 HDMI sources to 8 HDBaseT™ outputs and 2 independent HDMI2.0 outputs (18Gbps). A full integrated audio matrix completes the package.

RAX600



6U Modular Rack Mount System

Designed to house our larger components, the RAX-600 offers installers even greater flexibility, thanks to its larger size. All components are housed neatly and securely, whilst still offering simple access for servicing. The RAX-600 is a 6U rack mount housing conforming to standard rack depth and width sizes. Capable of housing up to 15 components, RAX-600 can also be specified with thermal and power management accessories.

SDV-CS8



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.

PUV-1630RTX



2 x HDMI, 1 x VGA over Single CAT5e/6/7 HDBaseT™ In-Desk Transmitter

Perfectly suited for where connectivity discretion is required, such as boardroom tables or huddle spaces, the PUV-1630RTX incorporates local power source with HDMI and VGA 'hot-swap' switching.

In collaboration with **cmd**

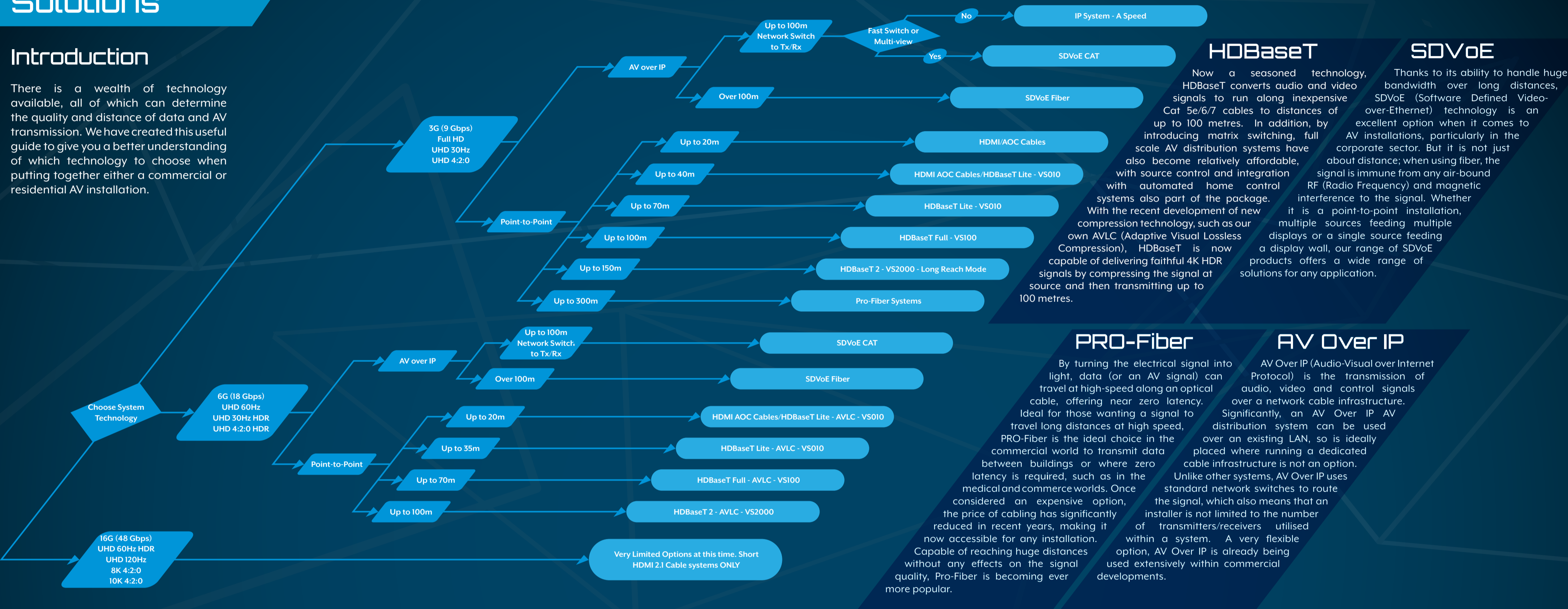
Distributor List

Belgium Audio Video Automation BV Electrobot BV	+31 (0) 71 5140014 +31 25 234 5400	www.avod.nl www.electrobot.nl
Deutschland (Germany) Syscomtec Distribution AG	+49 89 666109330	www.syscomtec.com
España (Spain) Eutikes S.L.	+34 (0) 93 418 7082	www.eutikes.com
France Simda	+331 69 48 39 07	www.simda.com
Greece ElnetCom	+30 210 964 9644	www.elnetcom.gr
Hrvatska (Croatia) AS COMM	+3851 3370503	www.ascomm.hr
Bhraj Gaarjya (India) Babblers Group	+91 (0) 748 321 5425	www.babblersgroup.com
Italia (Italy) Ligra SRL	+39 0523 872014	www.ligra.it
Magyarország (Hungary) AV Specialista Ltd	+36 1364 1939	www.avspecialista.hu
Nederland (Netherlands) Audio Video Automation BV Electrobot BV	+31 (0) 71 5140014 +31 25 234 5400	www.avod.nl www.electrobot.nl
Norge (Norway) Scandec Systemer AS	+4766812700	www.scandecsystemer.no
Polska (Poland) Pol-Audio s.c.	+48 22 670 4104	www.pol-audio.com.pl
Portugal Luz E Som Magnetusa	+351 229 385 560 +351 219 154 630	www.luzesom.pt www.magnetusa.pt
România MultiNET SRL	+40 262 v222201	www.videocapture.multinet.ro
Schweiz (Switzerland) Ceconet AG	+41 62 887 27 37	www.ceconet.ch
Slovenija (Slovenia) Dacco d.o.o.	+3851 245 6666	www.dacco.hr
Slovensko (Slovakia) Niomcom s.r.o.	+42 190 521 8394	www.niomcom.sk
South Africa Homemation	+27 (0) 11 781 8887	www.homemation.co.za
Suomi (Finland) AV Marketing	+358 45 2550057	www.avmarketing.fi
Sverige (Sweden) HDconnect	+46 (0) 30 323 7740	www.hdconnect.se
UK CIE-Group Ltd CPC Ltd Lektropacks RCB Logic Ltd TDI Tremiver Ltd	+44 (0) 115 977 0075 +44 (0) 870 1202 530 +44 (0) 20 3475 3200 +44 (0) 1494 725900 +44 (0) 1256 397 770	www.cie-group.com cpc.farnell.com/cyp www.lektropacks.co.uk www.rcblogic.co.uk www.tdigroup.co.uk
Ukraine Vega	+38 (044) 221 21 87	www.vega.trade
Österreich (Austria) Syscomtec Distribution AG	+49 89 666109330	www.syscomtec.com
Czech Republic WDQ s.r.o.	+420 241 406375	www.wdq.cz
Cyprus Elytronic	+357 22 271919	www.elytronic.net
Serbia Dacco d.o.o.	+3851 245 6666	www.dacco.hr

System Solutions

Introduction

There is a wealth of technology available, all of which can determine the quality and distance of data and AV transmission. We have created this useful guide to give you a better understanding of which technology to choose when putting together either a commercial or residential AV installation.



HDBaseT

Now a seasoned technology, HDBaseT converts audio and video signals to run along inexpensive Cat 5e/6/7 cables to distances of up to 100 metres. In addition, by introducing matrix switching, full scale AV distribution systems have also become relatively affordable, with source control and integration with automated home control systems also part of the package. With the recent development of new compression technology, such as our own AVLC (Adaptive Visual Lossless Compression), HDBaseT is now capable of delivering faithful 4K HDR signals by compressing the signal at source and then transmitting up to 100 metres.

SDVoE

Thanks to its ability to handle huge bandwidth over long distances, SDVoE (Software Defined Video-over-Ethernet) 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-borne 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.

PRO-Fiber

By turning the electrical signal into light, data (or an AV signal) can travel at high-speed along an optical cable, offering near zero latency. Ideal for those wanting a signal to travel long distances at high speed, PRO-Fiber is the ideal choice in the commercial world to transmit data between buildings or where zero latency is required, such as in the medical and commerce worlds. Once considered an expensive option, the price of cabling has significantly reduced in recent years, making it now accessible for any installation. Capable of reaching huge distances without any effects on the signal quality, PRO-Fiber is becoming ever more popular.

AV Over IP

AV Over IP (Audio-Visual over Internet Protocol) is the transmission of audio, video and control signals over a network cable infrastructure. Significantly, an AV Over IP AV distribution system can be used over an existing LAN, so is ideally placed where running a dedicated cable infrastructure is not an option. Unlike other systems, AV Over IP uses standard network switches to route the signal, which also means that an installer is not limited to the number of transmitters/receivers utilised within a system. A very flexible option, AV Over IP is already being used extensively within commercial developments.

Troubleshooting Guide

Introduction

AV fault-finding can be a complex process. That there is an issue is obvious but finding out what the issue is, can be a lot more complex. Our service department is called on a daily basis to help with AV-related issues, so we thought we would share our fault-finding process chart with you, just as a helping hand were you to have any future problems.

To help find problems, we also stock a wide-range of testing equipment, including HDMI pattern generators and analysis devices, all designed to make fault finding easier, save you time and, therefore, be more efficient.



MA-421
RESIDENTIAL or COMMERCIAL
4KHDR signal distribution
has never been easier
*4K Support including HDR10/Dolby Vision

SMART BUILDING AWARDS FINALIST 2019
HOME CINEMA BEST BUY

App Store
Google play

HDMI 4KHDR ARC 4KHDR

Premium Certified HDMI Cable

The CYP HDMP-700M is a certified Premium HDMI Cable, fully supporting 4K UHD and HDR (High Dynamic Range) AV content. Offering the ultimate in audio visual signal transmission performance, this new fully-certified Premium HDMI 7 metre long cable features insulated metal plugs and shielded cable, ideal for hard-wearing installations where reliability is essential.

CYP's Premium HDMI cables are compatible with the full range of HDMI specifications, including 4K UHD (2160p), FULL HD (1080p) and 'deep colour' High Dynamic Range resolutions, 3D, Ethernet (HEC) and ARC (Audio Return Channel).



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