

Signal Management

Product Brochure

CONTACT US



Guangzhou(Head quarters)

Address: No.16 Mingzhu Road, Economical & Technology
Development Zone, Guangzhou, Guangdong, China.

Tel: (+86 20) 82222388

Fax: (+8620) 82219744

E-mail: Sales@creator.com.cn



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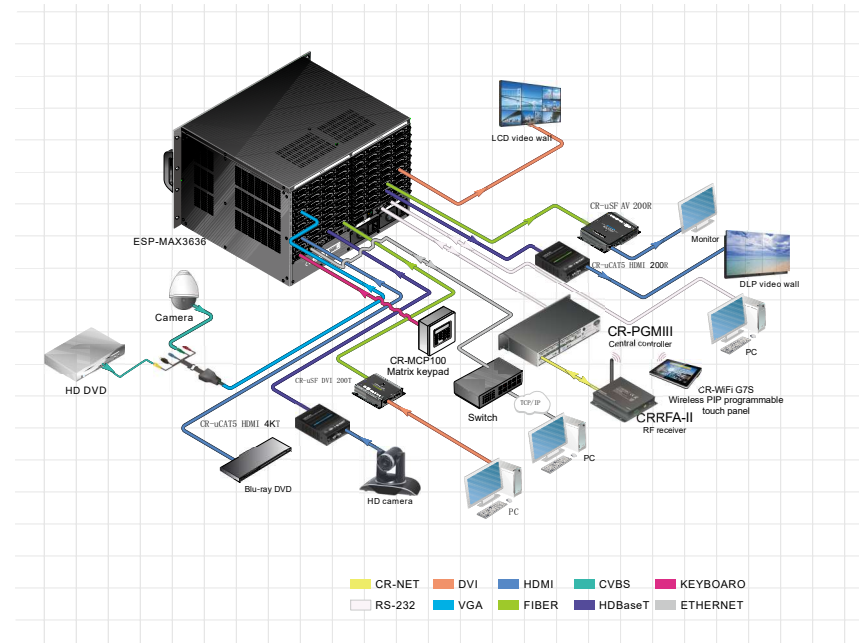
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ESP-MAX Series Hybrid Video Wall Processor



System connection diagram



ESP-MAX0808/1616/3636/7272/160160

ESP-MAX Series Hybrid Video Wall Processor



ESP-MAX0808
Size(mm): 482.6(L)×400(W)×132.5(H)



ESP-MAX1616
Size(mm): 482.6(L)×400(W)×177(H)



ESP-MAX3636
Size(mm): 482.6(L)×400(W)×310.3(H)



ESP-MAX7272
Size(mm): 482.6(L)×400(W)×532.7(H)



ESP-MAX160160
Size(mm): 482.6(L)×400(W)×1110.4(H)

The ESP-MAX series video wall processor is a flexible video wall and seamless switching matrix. This matrix adopts high-performance hardware design, perfectly supporting the switching and processing of various high-definition digital/analog signals, and supporting the distribution and switching functions of two-way RS-232 signals.

Features

- Fully digital switching, each seamless output card can achieve truly real-time seamless switching;
- Each video wall output card can achieve video splicing, and the image window can be arbitrarily scaled, superimposed, and roamed within the full screen range. When calling the plan, opening the window, and moving the window, the image is consistent without black screen;
- The video wall card supports scrolling subtitle banners (real-time clock), base image uploading, and subtitle overlay functions;
- Video wall card supports single port custom resolution output to achieve complete splicing display, and supports single card windowing with 16 layers;
- The preview card can achieve the function of video grouping preview and switching. A single card can support up to 16 previews, and multiple preview cards can be added according to the usage scenario. At the same time, it supports the full screen splicing echo function of 60 frames;
- Supports DVI 1.0 protocol, conforms to HDCP 2.2 standard, and is compatible with HDMI 2.0;
- Support hot plugging and simultaneous switching of audio and video signals;
- The HDMI input card supports selective input of digital audio and analog audio, and the HDMI output card outputs both digital audio and analog audio simultaneously;
- Support PC software control switching and EDID management;
- Support preview and manipulation functions of mobile terminals (IOS, Android, and Windows), and support Web page control.
- Flexible control mode, with RS-485 and RS-232 communication interfaces and network ports, and can be controlled through the serial port of remote optical fiber, which is convenient for users to cooperate with various remote control devices;
- Support online firmware upgrades;
- Support character overlay to meet font, size, background, and other requirements;
- Support a maximum resolution of 4K x 2K@60;
- SDI input card with loop out function;
- Plug-in structure design, flexible configuration of input/output signal types and number of signal channels;
- Support removable fans and flexibly configure various types of fans;
- Hard synchronization of input and output to ensure consistency of video playback;
- Output channel supports mixed insertion of input and output boards;
- The ESP-MAX series processor has a redundant power supply design, and the ESP-MAX 3636 and above matrices have detachable power supplies.

EMAX-IN HDMI4

HDMI input card



Features

- 4 HDMI-A interfaces, 4 3.5mm audio input interfaces;
- Input up to a maximum distance of 35M;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support analog audio and HDMI embedded audio selection input;
- Support EDID reading function;
- Compatible with HDMI1.3a standards, HDCP1.3 protocol, DVI1.0 protocol;
- Maximum supported resolution:
HDCP: 1920x1200P@60 ;
HDTV: 1920x1080P@60 .

EMAX-IN SDI4

SDI input card



Features

- 4 BNC female interfaces, 4 BNC female interfaces ring out;
- Support hot swapping;
- Support SD-SDI/HD-SDI/3G SDI signal input.

EMAX-IN DVI4

DVI input card



Features

- 4 DVI-D interfaces, 4 3.5mm audio input interfaces;
- Input up to a maximum distance of 35M;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support analog audio input;
- Support EDID reading function;
- Compatible with HDMI1.3a standards, HDCP1.3 protocol, DVI1.0 protocol;
- Maximum supported resolution:
HDPC: 1920x1200P@60 ;
HDTV: 1920x1080P@60 .

EMAX-IN DVI4-D

DVI input card



Features

- 4 DVI-D interfaces;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support EDID reading function;
- Compatible with HDMI1.3a standards, HDCP1.3 protocol, DVI1.0 protocol;
- Maximum supported resolution:
HDPC: 1920x1200P@60 ;
HDTV: 1920x1080P@60 .

EMAX-IN VGA4

VGA input card



Features

- 4 DB15 female interface input, 4 3.5mm audio input interface;
- Support any signal input of VGA, CVBS, YPbPr, and can automatically recognize the input signal source type;
- Support hot swapping and simultaneous switching of audio and video signals;
- Support analog audio input;
- Maximum supported resolution:
HDPC: 1920x1200P@60Hz ,
HDTV: 1920x1080P@60Hz .

EMAX-IN DP4

DP input card



Features

- 4 DP interface, 4 3.5mm audio input interface;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support analog audio and DP embedded audio selection input;
- Support the EDID reading function;
- Compatible with DP1.1 standards;
- Maximum supported resolution:
HDPC: 1920x1200P@60Hz ,
HDTV: 1920x1080P@60Hz .

EMAX-IN IP4

IP input card



Features

- 1 High speed RJ45 interface;
- Using CAT5e/6 wire input with a maximum distance of 100m;
- Support web login to set network protocols, local network parameters, or remote network parameters and other parameters;
- Receive fixed IP address videos or automatically search for encoding devices on the network;
- Support network protocols such as onvif, RTP, RTSP, RTCP, TCP, UDP, etc;
- Support G711a, G711u, G726, and ADPCM audio encoding;
- Support mainstream cameras such as Hikvision, Dahua, and Huawei; Maximum supported resolution: 1920x1080P@60 .

EMAX-IN SF4

Fiber input card



Features

- 4 single core single mode fiber inputs, LC interface;
- Support hot swapping;
- Equipped with a fiber optic transmitter, it can achieve input signal transmission of 20 kilometers;
- Optional IO switching card can achieve serial port switching;
- Input maximum supported resolution:
HDPC: 1920x1200P@60 ;
HDTV: 1920x1080P@60 .

EMAX-IN HD4

HDBaseT input card



Features

- 4 high-speed RJ45 interfaces, 4 3PIN Phoenix interface;
- Using CAT5e/6 wire input with a maximum distance of 100m;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support serial port input, optional IO switching card, which can achieve serial port switching;
- Compatible with HDBaseT protocol;
- Maximum supported resolution:
HDPC: 1920x1200P@60Hz ;
HDTV: 1920x1080P@60Hz .

EMAX-IN HD2

4K HDBaseT input card



Features

- 2 high-speed RJ45 interface, 2 3PIN Phoenix interface;
- Using CAT5e/6 wire input with a maximum distance of 100m;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support serial port input, optional IO switching card, which can achieve serial port switching;
- Compatible with HDBaseT protocol;
- Maximum supported resolution: 3840x2160P@30 .

EMAX-IN SF2

4K fiber input card



Features

- 2-way single core fiber input;
- Support hot swapping;
- Equipped with a fiber optic transmitter, it can achieve a maximum input signal transmission of 20Km (single mode);
- Maximum supported resolution: 3840x2160P@30 .

EUHD-IN HDMI4

4K60 HDMI input card



Features

- 4 HDMI-A interface, 3.5mm audio stand;
- Input a maximum distance of 7M;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Supports analog audio and HDMI embedded audio selection input;
- With signal transmission indicator light, supporting EDID reading function;
- Supports the HDMI2.0a standard and HDCP 2.2 protocol;
- Maximum supported resolution: 4Kx2K@60 (downward compatible).

EMAX-IN HDMI2

4K HDMI input card



Features

- Two HDMI-A interfaces and two 3.5mm audio input interfaces;
- Input up to a maximum distance of 35M;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support analog audio and HDMI embedded audio selection input;
- Support EDID reading function;
- Compatible with HDMI1.4a standards, HDCP1.4 protocol, DVI1.0 protocol;
- Maximum supported resolution: 3840x2160P@30 (downward compatible).

EUHD-IN ZSF4

4K60 fiber input card



Features

- 4 single core fiber seamless input;
 - Support hot swapping;
- Equipped with fiber optic transmitters, it can achieve output signal transmission up to 20km;
- With signal transmission indicator light;
 - Input maximum supported resolution: Maximum supported resolution: 3840x2160P@60 .

EUHD-OUT HDMI4

4K60 HDMI output card



Features

- 4 HDMI-A interface seamless output, 3.5mm audio stand;
- Input a maximum distance of 7M;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Supports analog audio and HDMI embedded audio selection input;
- With signal transmission indicator light, supporting EDID reading function;
- Maximum supported resolution: 4Kx2K@60 (downward compatible).

EUHD-OUT ZSF4

4K60 fiber output card



Features

- 4 single core fiber seamless output;
 - Support hot swapping;
- Equipped with fiber optic transmitters, it can achieve output signal transmission up to 1 kilometer;
- With signal transmission indicator light;
 - Input maximum supported resolution: Maximum supported resolution: 3840*2160P@60 .

EMAX-OUT HD4

HDBaseT output card



Features

- 4 high-speed RJ45 interface seamless output, 4 3PIN Phoenix RS-232 interface;
- Using CAT5e/6 wire to output a maximum distance of 100m;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support serial port output, optional IO switching card, can achieve serial port switching;
- Compatible with HDBaseT protocol;
- Maximum supported resolution:
HDPC: 1920x1200P@60Hz ;
HDTV: 1920x1080P@60Hz .

EMAX-OUT VGA4

VGA output card



Features

- 4 DB15 female interface outputs, 4 3.5mm audio input interface;
- Can choose any signal output from VGA, CVBS, or YPbPr;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support analog audio output;
- Maximum supported resolution:
HDPC: 1920x1200P@60Hz ;
HDTV: 1920x1080P@60Hz .

EMAX-OUT SDI4

SDI output card



Features

- 4 BNC female interface seamless output, 4 BNC female interface looped out;
- Supports hot swapping;
- Support SD-SDI/HD-SDI/3G SDI signal output.

EMAX-OUT IP4

IP output card



Features

- 1 High speed RJ45 interface;
 - Using CAT5e/6 wire to output a maximum distance of 100m;
 - Support web login to set network protocols, local network parameters, etc;
 - Support receiving fixed IP address videos or automatically searching for encoding devices on the network;
 - Support network protocols such as RTP, RTSP, RTCP, TCP, UDP, etc;
 - Support ADPCM audio encoding;
 - Support mainstream cameras such as Hikvision, Dahua, and Huawei;
- Maximum supported resolution: 1920x1080P@60 .

EMAX-OUT DP4

DP output card



Features

- 4 DP interface, 4 3.5mm audio interface;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support analog audio and DP embedded audio selection input;
- Support the EDID reading function;
- Compatible with DP1.1 standards;
- Maximum supported resolution:
HDPC: 1920x1200P@60Hz ,
HDTV: 1920x1080P@60Hz .

EMAX-OUT DVI4

DVI output card



Features

- Support seamless output with 4 DVI-I interfaces and 4 3.5mm audio interface;
- Output up to a maximum distance of 7M;
- Supports hot swapping and simultaneous switching of audio and video signals; Support analog audio output;
- Support EDID reading function; Support DVI and VGA selection output;
- DVI output is compatible with DVI1.0 protocol;
- Maximum supported resolution:
HDPC: 1920x1200P@60
HDTV: 1920x1080P@60 .

EMAX-OUT SF4

Fiber output card



Features

- 4 single core single mode fiber seamless output, LC interface;
- Support hot swapping;
- Equipped with a fiber optic transmitter, it can achieve output signal transmission of 20 kilometers;
- Maximum supported resolution for output:
HDPC: 1920x1200P@60 ;
HDTV: 1920x1080P@60 .

EMAX-OUT HD2

4K HDBaseT output card



Features

- 2 high-speed RJ45 interface, 2 3PIN Phoenix interface;
- Using CAT5e/6 wire to output a maximum distance of 100m;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support serial port output, optional IO switching card, which can achieve serial port switching;
- Compatible with HDBaseT protocol;
- Maximum supported resolution:
HDPC: 3840x2160P@30 .

EMAX-OUT HDMI4

HDMI output card



Features

- 4 HDMI-A interface seamless output, 4 3.5mm audio interface;
- Output up to a maximum distance of 7M;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support simultaneous output of analog audio and HDMI embedded audio; Support EDID reading function;
- Compatible with HDMI1.3a standards, HDCP1.3 protocol, DVI1.0 protocol;
- Maximum supported resolution:
HDPC: 1920x1200P@60 ;
HDTV: 1920x1080P@60 .

EMAX-OUT HDMI2

4K HDMI output card



Features

- 2 HDMI-A interface, 2 3.5mm audio interface;
- Output up to a maximum distance of 7M;
- Supports hot swapping and simultaneous switching of audio and video signals;
- Support analog audio and HDMI embedded audio selection output;
- Support EDID reading function;
- Compatible with HDMI1.4a standards, HDCP1.4 protocol, DVI1.0 protocol;
- Maximum supported resolution:
HDPC: 3840x2160P@30 (downward compatible).

EMAX-QUT SF2

4K fiber output card



Features

- 2 single core fiber output;
- Support hot swapping;
- Equipped with a fiber optic transmitter, it can achieve a maximum input signal transmission of 20Km (single mode);
- Maximum supported resolution: 3840x2160P@30 .

EMAX-PJOUT SF4

Fiber video wall card



Features

- 4 single core fiber output;
- With splicing function;
- Support hot swapping;
- Equipped with a fiber optic transmitter, it can achieve a maximum input signal transmission of 20Km (single mode);
- Supports 4-channel single core fiber splicing output with maximum resolution support 1920x1200@60Hz It can achieve a maximum input signal transmission of 20Km (single mode);
- A single screen can open 4 windows, with signals that can be stacked, roamed, and scaled at will.

EMAX-PJOUT HD4

HDBaseT video wall card



Features

- 4 high-speed RJ45 interface output;
- With video wall function;
Using CAT5e/6 wire to output a maximum distance of 100m;
- Support hot swapping; Compatible with HDBaseT protocol;
- Supports 4-channel twisted pair splicing output with maximum resolution support 1920x1200@60Hz Used in conjunction with CR-UCAT5 HDMI 4KR, it can achieve 100m transmission of output signals (with optional POC power supply, it can achieve remote power supply to the transmission box);
- A single screen can open 4 windows, with signals that can be stacked, roamed, and scaled at will.

EMAX-PJOUT DVI4

DVI video wall card



Features

- Support 4 DVI-D female interface outputs;
- With splicing function;
- Output up to a maximum distance of 7M;
- Support hot swapping;
- Support EDID reading function;
- Supports 4-channel DVI splicing output with maximum resolution support 1920x1200@60Hz ;
- A single screen can open 4 windows, with signals that can be stacked, roamed, and scaled at will.

EMAX-PJOUT HDMI4

HDMI video wall card



Features

- Equipped with one card 4 HDMI output interface;
- With splicing function;
- Output up to a maximum distance of 7M;
- Support hot swapping of board cards;
- Supports LED irregular non-standard resolution splicing output, with a maximum resolution of 1920* 1080@60 for single screen output, backward compatible with all resolutions;
- Single screen windowable 4-layer 1920* 1080@60 It supports splicing functions such as large screen signal stacking, roaming, zooming, stretching, switching, and multi screen segmentation.

EMAX-PJOUT DVI2

DVI video wall card



Features

- Supports 2 DVI-D female interface outputs;
- With splicing function;
- Output up to a maximum distance of 7m;
- Support hot swapping;
- Support EDID reading function;
- Supports 2-channel DVI splicing output with maximum resolution support 1920x1200@60Hz ;
- A single screen can open 8 windows, with signals that can be stacked, roamed, and scaled at will.

EMAX-PJOUT HDMI2

HDMI video wall card



Features

- Equipped with one card 2 HDMI output interface;
- With splicing function;
- Output up to a maximum distance of 7M;
- Support hot swapping of board cards;
- Supports LED irregular non-standard resolution splicing output, with a maximum resolution of 1920*1080@60 for single screen output , backward compatible with all resolutions;
- Single screen support 8 layers of 1920* 1080@60. It supports splicing functions such as large screen signal stacking, roaming, zooming, stretching, switching, and multi screen segmentation.

EMAX-PJOUT HD2

HDBaseT video wall card



Features

- 2 high-speed RJ45 interface output;
- With splicing function;
- Using CAT5e/6 wire to output a maximum distance of 100m;
- Support hot swapping;
- Compatible with HDBaseT protocol;
- Support external POC power supply and requires optional POC power supply. Models above 3636 support this Function;
- Support 2-channel twisted pair splicing output; A single screen can open 8 windows, with signals that can be stacked, roamed, and scaled at will.

EMAX-PJOUT SF2

Fiber video wall card

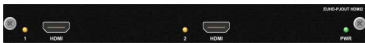


Features

- 2 single core fiber output;
- With splicing function;
- Support hot swapping;
- Equipped with a fiber optic transmitter, it can achieve a maximum input signal transmission of 20Km (single mode);
- Supports 2-channel single core fiber splicing output with maximum resolution support 1920x1200P@60Hz It can achieve a maximum output signal transmission of 20Km (single mode);
- A single screen can open 8 windows, with signals that can be stacked, roamed, and scaled at will.

EUHD-PJOUT HDMI2

HDMI 4K video wall output card



Features

- Support seamless output of 2 HDMI-A interfaces;
- Input a maximum distance of 7M;
- Supports hot swapping and simultaneous switching of audio and video signals;
- With signal transmission indicator light, supporting EDID reading function;
- A single screen can open 4 windows, with signals that can be stacked, roamed, and scaled at will.
- Maximum supported resolution: 4Kx2K@60 (downward compatible).

EMAX-CON

Control card



Features

- Database management, where all information is stored on the device;
- Support a maximum of 512 contingency plans;
- Multi point control, synchronization of multiple client device states;
- 2 DB9 fully functional serial ports, capable of controlling and receiving instructions from various peripherals, as well as forwarding data and controlling large screen switches;
- 1 RJ45 interface, which can be connected to PC software and web pages for controlling, querying, and other devices;
- 1*4P Phoenix head keyboard interface, which can be connected to an external keyboard to achieve control of the device;
- 1 RS-232 Phoenix head interface, used for debugging and can also achieve control and command reception of various peripherals;
- Support hot swapping;

EMAX-PR LINK

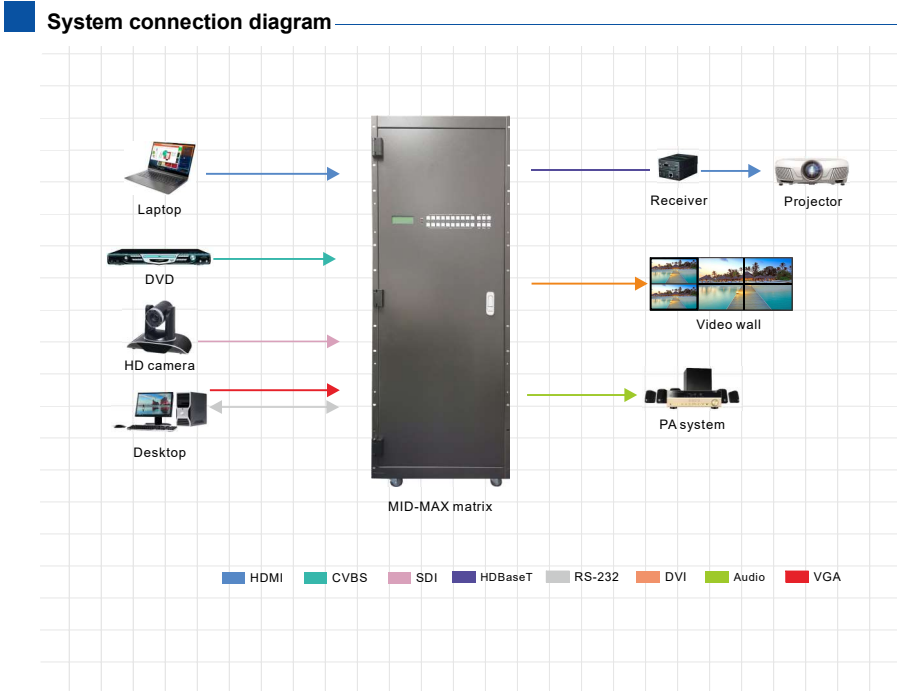
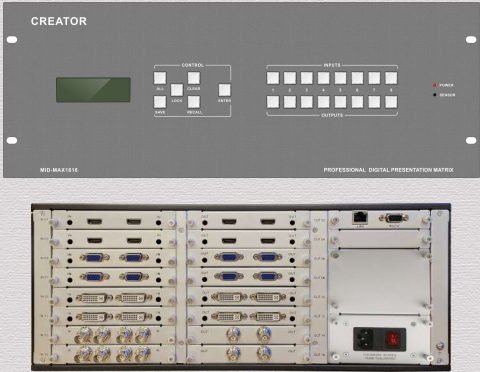
Preview card



Features

- 1 RJ45 interface preview output, which can simultaneously view 16 channels of video image information in groups or automatically rotate;
- 1 DVI interface preview+echo output, supporting 1, 4, 9, and 16 split screens;
- Each video supports resolution: 960x540@30fps ; 640x480@30fps ; 352x288@30fps ;
- Apply H.264&JPEG multi stream encoding, with frame rates supporting 1/16~60fps;
- Support hot swapping;
- Support controlling video switching through preview.

MID-MAX Series Hybrid Matrix Switcher



CR-MID MAX0808/1616 /3636/8080/140140

MID-MAX series hybrid matrix switcher



CR-MID MAX0808
Size (mm):
483(W)x365(D)x89(H)



CR-MID MAX1616
Size (mm):
483(W)x365(D)x178(H)



CR-MID MAX3636
Size (mm):
483(W)x365(D)x356(H)



CR-MID MAX140140
Size (mm):
483(W)x365(D)x1290(H)

MID-MAX series modular multi-format mixed seamless switching matrix is a high performance video signal switching equipment. It supports up to 8~140 inputs, 8~140 outputs with many kinds of daughter cards. This product supports multiple video formats input and output. And it supports video wall as well.

Features

- Maximum resolution of 1920 x 1080@60Hz (2K cards); 3840x2160@60Hz(4K cards);
- Support HDMI 2.0, HDCP 2.2, YUV 4:4:4, audio 7.1 CH;
- Support HDMI 4K->2K downscaling;
- Support video wall;
- HDBaseT cards support POC;
- Full digital switching: real seamless switching for all types of output cards.
- Redundant power supply(CR-MID MAX0808/1616 is with single module, and double modules optional. CR-MID MAX3636 and above are with double power modules);
- Support Seamless switching;
- Support up to 8~140 inputs and 8~140 outputs;
- Input/Output port: HDbaseT, 3G-SDI, HDMI, DVI-U(HDMI/DVI/VGA/YPbPr/CVBS);
- Control interface: RS232, Web-based Ethernet/LAN;
- PC software to facilitate remote control, real-time display the input and output status;
- Scalar inside, output resolution control available;
- Support video wall function;
- Character overlay function: Font / color / size control available.

DMAX-IN HDMI2-4K HDMI input card



DMAX-OUT HDMI2-4K HDMI output card



DMAX-IN HD2/DMAX-IN HD2-4K HDBaseT input card



DMAX-OUT HD2/DMAX-OUT HD2-4K HDBaseT output card



DMAX-IN HDMI2 HDMI input card



DMAX-OUT HDMI2-S HDMI output card



DMAX-IN DVI2 DVI input card



DMAX-OUT DVI2 DVI output card



DMAX-IN VGA2 VGA input card



DMAX-OUT VGA2 VGA output card



DMAX-IN SDI2 SDI input card



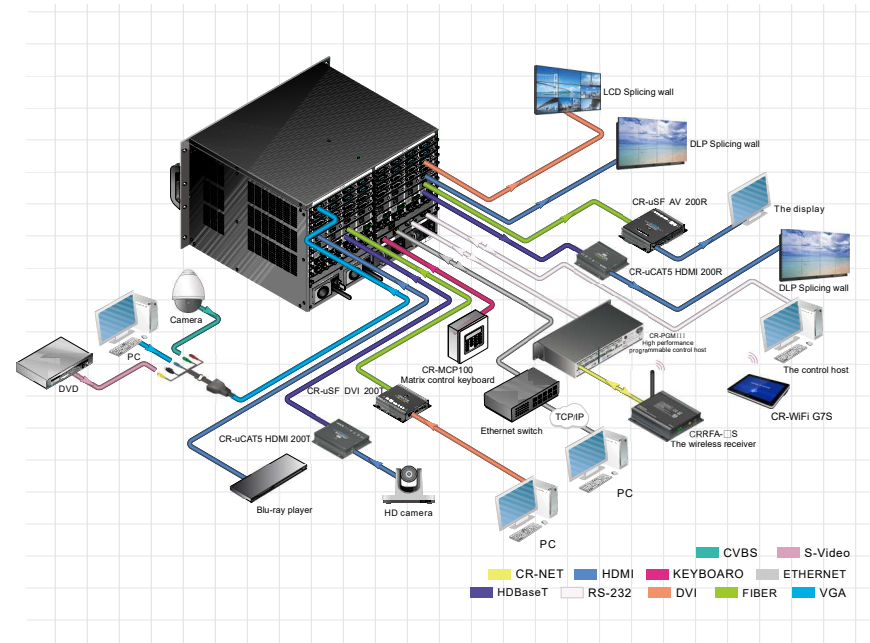
DMAX-OUT SDI2 SDI output card



PRO-MAX Series Hybrid Video Wall Processor



System connection diagram



PRO-MAX0808/1616/ 3636/7272/144144/288288

PRO-MAX series hybrid matrix switchers



PRO-MAX0808
Size (mm):
483(L)×400(W)×88(H)



PRO-MAX1616
Size (mm):
483(L)×400(W)×132.5(H)



PRO-MAX3636
Size (mm):
483(L)×400(W)×310(H)



PRO-MAX7272
Size (mm):
483(L)×400(W)×532.6(H)



PRO-MAX144144
Size (mm):
483(L)×400(W)×1043(H)



PRO-MAX288288
Size (mm):
1200(L)×800(W)×1240(H)

The PRO-MAX series hybrid splicing matrix switchers are a group of seamless switchers which can cross-switch and splicing multiple types of signals. High-performance hardware design ensures its support for various high definition digital and analog signals, bi-directional RS-232 and IR control and signal management.

Features

- Full digital switching: real seamless switching for all types of output cards.
- All types of output cards support video signal splicing and assembling; supports graphic windows scaling, overlapping, and roaming over the whole graphic frame.
- The preview card supports video signal preview and switching function.
- Support DVI 1.0 protocol, and compatible with HDCP 1.3 and HDMI 1.3a standards.
- Support hot-swap, video and audio signal synchronized switching, and AUTO DELAY for audio signal.
- Support EDID read and PC Management Software.
- Support built-in and local bi-directional RS-232 and IR control signal with HDBaseT inputs and outputs; Support control signals and video/audio synchronized and separate switching; Support POE function.
- Versatile management methods: IR Remote Control, RS-485, RS-232 and Network Control, and Serial Port Control at remote end via HDBaseT inputs and outputs. This brings great convenience for the users to integrate the signal management and control with various other equipments at the remote end.
- Support firmware online upgrade.
- Intelligent control the operation of fan in matrix.
- SDI input can achieve looping out.
- Plug-in design for cards, the input and output signal type and signal channel amount can be allocated flexibly.

PMAX-IN HDMI4

HDMI input card



Features

- 4 HDMI-A connectors, 4 3.5mm audio sockets.
- Maximum transmission distance is up to 35 meters.
- Support hot-swapping function; Support synchronized switching of audio and video signals; Support AUTO DELAY.
- Support input selection between analog audio and the HDMI embedded audio signals.
- Support EDID reading.
- Compatible with HDMI 1.3a standards, HDCP 1.3 protocols, and DVI 1.0 protocols.
- Maximum supported resolution:
HDCP: 1920x1200P@60,
HDTV: 1920x1080P@60.

PMAX-IN DVI4

DVI input card



Features

- 4 DVI-D connectors, 4 3.5mm audio sockets.
- Maximum transmission distance is up to 35 meters.
- Support hot-swapping function; Support synchronized switching of audio and video signals; Support AUTO DELAY.
- Support and analog audio and DVI video signals input.
- Support EDID reading.
- Support DVI 1.0 protocols.
- Maximum supported resolutions:
HDCP: 1920x1200P@60,
HDTV: 1920x1080P@60.

PMAX-IN HD4**HDBaseT input card****Features**

- 4 RJ45 connectors; 4 6-PIN phoenix sockets.
- Maximum output transmission distance up to 100M via a CAT5e/6 cable.
- Support hot-swapping function; Support synchronized switching of audio and video signals; Support AUTO DELAY.
- Compatible with HDBaseT protocols.
- Maximum resolutions supported:
HDPC: 1920x1200P@60,
HDTV: 1920x1080P@60.

PMAX-IN SDI4**SDI input card****Features**

- 4 BNC female input connectors; 4 BNC female connector loop-out.
- Support hot-swapping function.
- Support SD/HD/3G SDI signals input.

PMAX-IN VGA4**VGA input card****Features**

- 4 DB15 female input connectors, 4 3.5mm audio sockets.
- Support input signal formats of VGA, CVBS, YPbPr at the same time, auto-detect of the signal source.
- Support hot-swapping function; Support synchronized switching of audio and video signals; Support AUTO DELAY.
- Support analog audio input.
- Maximum input resolutions supported:
HDPC: 1920x1200P@60,
HDTV: 1920x1080P@60.

PMAX-IN SF4**Fiber optic input card****Features**

- 4 single-core fiber-optic input connectors.
- Support hot-swapping function.
- Maximum input signal transmission distance up to 300 meters (multi-mode) with fiber-optic transmitters, or maximum distance of 20 KM (Single-mode).
- Maximum resolutions supported:
HDPC: 1920x1200P@60,
HDTV: 1920x1080P@60.

PMAX-IN IP4**IP input card****Features**

- 4 high speed RJ45 interfaces.
- Maximum 100 meters output distance with Cat5e/Cat6 cables.
- Support web login to set up network protocols, local network configurations, and remote network configurations, etc.
- Support receiving video from static IP address, and automatic searching network encoding devices.
- Support network protocols of onvif, RTP, RTSP, RTCP, TCP, and UDP, etc.
- Support G711a, G711u, G726, and ADPCM audio encodin.
- Support commonly used cameras from Hikvision, Dahua, and Huawei.

PMAX-IN DU-DVI2**Dual-link DVI input card****Features**

- 2 channels DVI-D dual link interface, 2 3.5mm audio sockets.
- Maximum input distance: 35m.
- Support hot-swap, and audio video signal synchronized switching.
- Support receiving video from static IP address, and automatic searching network encoding devices.
- Support analog audio input.
- Support EDID reading function.
- Maximally supported resolution: 4K×2K@30.

PMAX-IN CVBS16**CVBS COMPONENT input card****Features**

- 16 channels CVBS interface, 4 analog audio interfaces.
- Support 4 channels CVBS being integrated into 1 channel SD or HD output.
- Support hot-swap, and audio video signal synchronized switching.
- Support NTSC(M), PAL(B, D, G, H, I, M).

PMAX-OUT HDMI4**HDMI output card****Features**

- Support 4 HDMI-A seamless output connectors; 4 3.5mm audio sockets.
- Support image splicing function.
- Maximum output distance is up to 7 meters.
- Support hot-swapping function; Support synchronized switching of audio and video signals; Support AUTO DELAY.
- Support EDID reading.
- Compatible with HDMI1.3a standards; HDCP1.3 protocol; and DVI1.0 protocol.
- Maximum supported resolution:
HDPC: 1920x1200P@60
HDTV: 1920x1080P@60.

PMAX-OUT DVI4

DVI output card



Features

- 4 DVI-I female interfaces, 4 3.5mm audio sockets.
- Maximum output distance is up to 7 meters.
- Support hot-swapping function; Support synchronized switching of audio and video signals;
- Support analog audio output.
- Support EDID reading.
- Output is selectable between DVI and VGA.
- Support DVI1.0 protocol.
- Maximum resolutions supported:
HDPC: 1920x1200P@60,
HDTV: 1920x1080P@60.

PMAX-OUT HD4

HDBaseT output card



Features

- 4 RJ45 Interfaces; 4 6-PIN phoenix interfaces.
- Maximum output transmission distance up to 100M via CAT5e/6 cable.
- Support hot-swapping function; Support synchronized switching of audio and video signals; Support AUTO DELAY.
- Support EDID reading.
- Compatible with HDBaseT protocols.
- Maximum supported resolutions:
HDPC: 1920x1200P@60,
HDTV: 1920x1080P@60.

PMAX-OUT VGA4

VGA output card



Features

- 4 DB15 female connectors; 4 3.5mm audio sockets.
- Selectable output signal type for VGA, CVBS and YPbPr.
- Support hot-swapping function; Support synchronized switching of audio and video signals; Support AUTO DELAY.
- Support analog audio output.
- Maximum supported resolution:
HDPC: 1920x1200P@60,
HDTV: 1920x1080P@60.

PMAX-OUT SDI4

SDI output card



Features

- 4 seamless BNC female connectors; 4 loop-out BNC female connector.
- Support hot-swapping function.
- Support SD/HD/3G SDI signals output.

PMAX-OUT SF4**Fiber optic output card****Features**

- 4 channel single-core fiber outputs.
- Support hot-swapping function.
- Maximum input signal transmission distance up to 300 meters (multi-mode) with fiber-optic transmitters, or maximum distance of 20 KM (Single-mode).
- Maximum supported resolution:
HDCP: 1920x1200P@60,
HDTV: 1920x1080P@60.

PMAX-OUT IP4**IP output card****Features**

- 4 channels high speed RJ45 interface.
- Maximum 100 meters output distance with Cat5e/Cat6 cables.
- Support web login to configure Network protocols, local network parameters, etc.
- Support receiving video from static IP address, and automatic searching network encoding devices.
- Supported network protocols: RTP, RTCP, TCP, UDP, etc.
- Support ADPCM audio encoding.
- Support commonly used cameras from Hikvision, Dahua, and Huawei.

PMAX-OUT UHD-HDMI2**HDMI 4K output card****Features**

- Support 2 channels HDMI-A interface seamless output, 3.5mm audio jacket.
- Maximum output distance up to 7 meters.
- Support hot-swap, and audio video signal synchronized switching.
- Support analog audio and HDMI built-in audio output at the same time.
- Support EDID reading function.
- Maximally Supported Resolution:
4K×2K@30.

PJMAX-OUT DVI4**DVI splicing output card****Features**

- Support 4 DVI-D female output connectors.
- Support image splicing function.
- Maximum output distance is up to 7 meters.
- Support hot-swap function.
- Support EDID reading.
- Support 4 channels DVI seamless output; maximum resolution up to 1920*1200@60HZ; integrated with 4 channels independent audio output.
- 2 windows are supported on one single screen; signals can overlap with each, roam, and be zoomed in any scales.

PJMAX-OUT DVI2**DVI splicing output card****Features**

- Support 2 channels DVI-D female interface output.
- Support image splicing function.
- Maximum output distance up to 7 meters.
- Support hot-swap function.
- Support EDID reading function.
- Support 2 channels DVI image splicing output; maximally supported resolution: 1920*1200@60Hz.
- 4 windows are supported on one single screen; signals can overlap with each, roam, and be zoomed in any scales.

PJMAX-OUT HD4**HDBaseT splicing output card****Features**

- 4 high-speed RJ45 output connectors, 4 6-PIN phoenix connectors.
- Support videowall signal processing function.
- Maximum transmission distance can up to 100M with CAT5e/6 cable.
- Support Hot-swap function; Support synchronized switching of audio and video signals; Support AUTO DELAY.
- Support EDID Reading function.
- Compatible with HDBaseT protocol.
- Support 4 HDBaseT seamless outputs, the RS-232 and IR connectors are embed on card.

PJMAX-OUT HD2**HDBaseT splicing output card****Features**

- 2 channels high speed RJ45 interface output, 2 channels 6PIN Phoenix Interface.
- Support image splicing function.
- Maximum 100 meters output distance with Cat5e/Cat6 cables.
- Support hot-swap function.
- Support IR serial port output; I/O switching card optional; support IR serial port switching.
- Compatible with HDBaseT protocol.
- Support POC power supply: needs to work with POC power supply and only available for models with 3636 or bigger size.

PJMAX-OUT SF4**Fiber optic splicing output card****Features**

- 4 single-core fiber-optic outputs.
- Support videowall signal processing function.
- Support hot-swapping function.
- Support 4 single-core fiber-optic seamless outputs; maximum supported resolution is up to 1920*1200@60HZ when working with CR-uSF COMP 300R.
- Working with the fiber-optic transmitters can realize maximum 300 meters (multi-mode) or 20 kilometers (single-core) transmission distance.
- Support 2 windows on 1 single screen; signals can be overlapped, roamed, and displayed in random scale.

PJMAX-OUT SF2**Fiber optic splicing output card****Features**

- 2 single-core fiber optic output.
- Support image splicing function.
- Support hot-swapping function.
- Working with fiber optic transmitter to realize 300 meters (multi-mode) or maximum 20Km (single mode) transmission distance.
- Optional I/O switching card to realize IR serial port switching.
- Support 2 channels single-core fiber optic seamless output; maximally supported resolution: 1920*1200@60Hz; working with CR-uSF COMP 300R to realize 300 meters (multi-mode) or maximum 20Km (single mode) transmission distance.

PMAX-PR LINK**Pre-view card****Features**

- 1 RJ45 pre-view output; support grouped pre-view of 4 video image at the same time.
- Resolution for each channel of signal is up to 720p@30fps.
- Support H.264&JPEG Multi-stream encoding; Frame Rate: 1/16~60fps.
- Support hot-swapping function.
- Support video switching control pre-view.

PMAX-Con ETN5**Advanced control card****Features**

- 2 DB9 fully-functional serial ports; Support controlling and receiving commands from various peripheral equipments; Support data forwarding.
- 1 RJ45 connector to realize downloading, updating the control programming and information inquiry.
- Support 1 4P phoenix keyboard connector for external keypad connection to control the equipment.
- Embed 1 3P phoenix debugging serial port to output and debug the print information.
- Support hot-swapping function.
- Support programmable control.

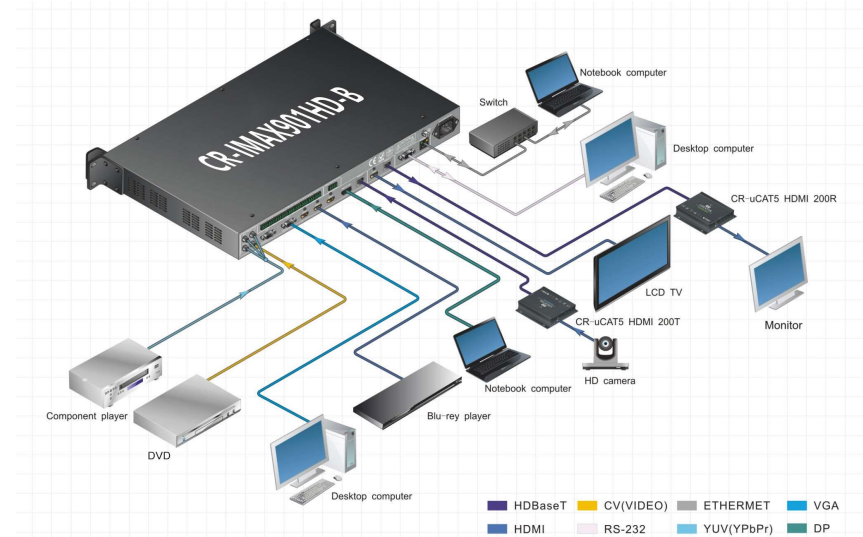
PMAX-Con ETN6**Control card****Features**

- 3 DB9 fully-functional serial ports and 1 phoenix RS-232 port: Support controlling and receiving commands from various peripheral equipments; support data forwarding.
- 1 RJ45 connector to connect to PC management software for controlling, and searching functions.
- 1 4-PIN phoenix keyboard connector for external keypad connection to control the equipments.

Presentation Scaler Switcher



System connection diagram



CR-iMAX901HD-B

Presentation scaler switcher

CR-iMAX901HD-B is a scaler which has 9 video input interfaces, including CV, YPbPr, VGA, DisplayPort, HDMI, HDBaseT, can switch or scale to HDMI/HDBaseT output. The output resolution can be defined by user up to WUXGA(1920 x1200). It's a high performance scaler for education institution, conference room, demonstration hall, command center etc.

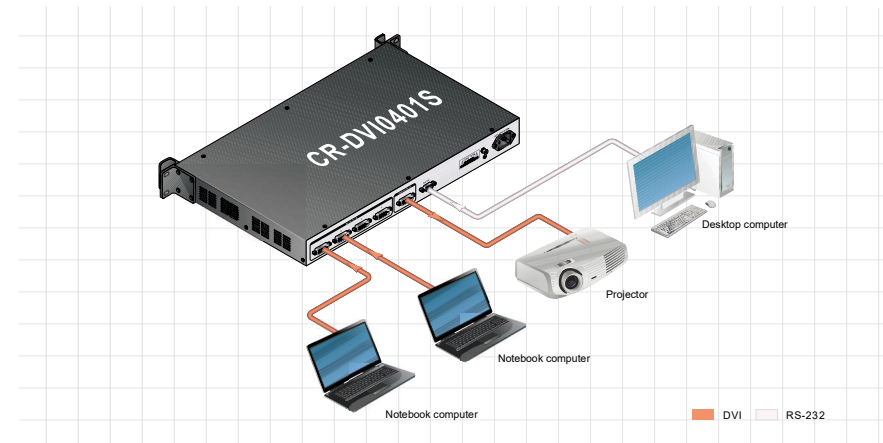
Features

- 9 video inputs: 1 x CVBS, 1 x YPbPr, 2 x VGA, 3 x HDMI, 1 x DisplayPort, 1 x HDBaseT.
- 2 video output: 1 x HDMI, 1 x HDBaseT.
- 9 analog audio input: unbalanced stereo audio, 20Hz~20KHz.
- 1 balanced stereo line out, 1 stereo speaker output with 2x20W@4Ω or 2x10W@8Ω.
- 8-level volume control per audio input, 100-level volume control for audio output.
- Maximum input/output resolution up to WUXGA (1920 x1200).
- Audio and video switching, no black screen or fragments.
- HDMI 1.3a, HDCP 1.3, DisplayPort 1.1.
- Audio can be mixed or separated from HDMI input and HDMI output.
- EDID management for rapid integration of sources and displays.

DVI Series Products



System connection diagram



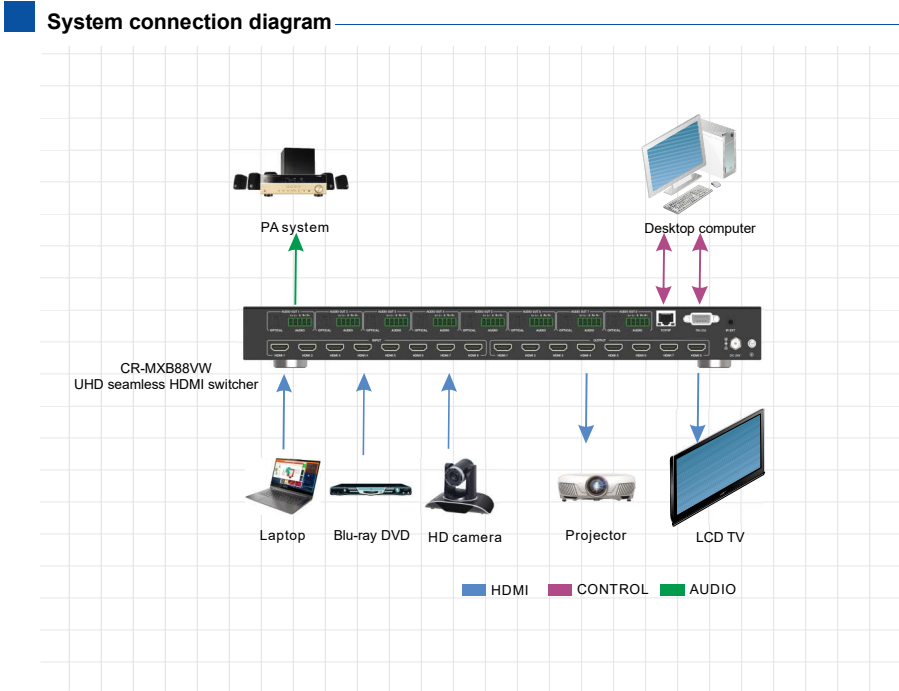
CR-DV10401S

DVI full digital matrix switcher

CR-DV10401S can realize that a digital display terminal can switch the display screen between a plurality of DVI signal sources. The device supports four DVI signals input, a DVI signal output. Supports RS-232, infrared and key switch control. Use with DVI-S4, it also can become the switch distributor of DVI-0404.

Features

- Support the highest resolution up to 1600 x 1200@60Hz.
- Support 4 DVI-D female terminal inputs.
- Support 1 DVI-D female terminal output.
- Support RS-232, infrared remote control, key control, etc.
- Output transmission distance up to 7 meters effective range of application.
- Support input, output signal indicator.
- Input supports the Windows plug-and-play.



Pt-HDMI401S**HDMI switcher**

CR-DV10401S can realize that a digital display terminal can switch the display screen between a plurality of DVI signal sources. The device supports four DVI signals input, a DVI signal output. Supports RS-232, infrared and key switch control.

Features

- Compatible with HDMI 1.3b standard.
- Support a maximum TMDS clock 225MHz.
- Support 12 bit dark function of high resolution 1080P.
- Clock regeneration and equalization technology, reconstruction of digital signal for further transmission distance.
- Compact: the high quality and competitive price.

Pt-HDMI-035**HDMI line driver**

In the multimedia application system, a display terminal is often needed to display high quality image in large distance. For solving this kind of problems in Engineering version, CREATOR line driver series design Pt-HDMI-035 line driver.

Features

- Small volume, easy to use, no need to set.
- The input transmission distance up to 35 meters.
- Output transmission distance up to 7 meters
- 1 road signal input, 1 road signal output.
- Input support Windows, plug and play.
- Support the highest resolution up to 1600 x 1200@60Hz.
- Support for input, output signal indicator.

CR-HDCP 100**HDCP adapter**

CR-HDCP 100 is an audio & HDCP resolver setting HDMI audio splitter, DVI audio synthesizer, and HDCP decryption / encryption function into one. With CREATOR unique audio and video technology.

Features

- 2 DB9 fully-functional serial ports; Support controlling and receiving commands from various peripheral equipments; Support data forwarding.
- 1 RJ45 connector to realize downloading, updating the control programming and information inquiry.
- Support 1 4P phoenix keyboard connector for external keypad connection to control the equipment.
- Embed 1 3P phoenix debugging serial port to output and debug the print information.
- Support hot-swapping function.
- Support programmable control.

Pt-HDMI104DA**UHD HDMI distributor**

Pt-HDMI104DA is an advanced solution for splitting a single HDMI signal to 4 HDMI displays. It provides high performance audio and video output through HDMI cables up to 4K2K@60Hz 4:4:4 and is capable of receiving and transmitting up to 18Gbps of bandwidth.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- Supports video format up to 4K2K@60Hz with 8 bit RGB/YCBCR 4:4:4/YCBCR 4:2:2
- Support 3D frame sequential video format up to 1080p@60
- Supports 3D frame sequential video format up to 4K2K@30Hz
- Supports high resolution VESA mode video format up to QSXGA@60Hz
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Supports EDID mode, STD (1080p) mode, and TV (copy) mode
- Compact design for an easy and flexible installation

Pt-HDMI108DA**UHD HDMI distributor**

Pt-HDMI108DA is a 4K60 1x8 HDMI splitter, which can distribute 1 HDMI signal source to 8 HDMI display devices at the same time. Support 18Gbps video bandwidth, video resolution up to 4K@60Hz 4:4:4. With EDID control and management function.

Features

- Comply with HDMI2.0b, HDCP2.2 specifications
- Support 18Gbps video bandwidth
- Support video resolution up to 4K@60Hz 4:4:4
- Support HDR
- With EDID control management function, support two EDID modes: COPY (copy) and AUTO (automatic)
- Support audio formats are PCM 2CH, LPCM 7.1/5.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos and DTS:X

CR-HDMI401A**UHD HDMI switcher**

CR-HDMI401A is a high performance HDMI 4x1 switcher that supports HDTV formats up to 4Kx2K@60Hz and all HDMI 3D TV formats. It can extract HDMI stream audio to separate digital and analog audio output.

Features

- Support 4 HDMI 2.0 signal inputs, 1 HDMI 2.0 signal output;
- Compliant with HDMI 2.0a, DVI 1.0 standards.
- HDCP 2.2 and HDCP 1.4 compliant.
- Video formats up to 4Kx2K@60 and all HDMI 3D video formats.
- Support PCM, Dolby TrueHD, DTS-HD Master Audio up to 7.1CH.
- Digital and analog audio output.
- Support smart EDID management(Auto/2CH/5.1CH/7.1CH selectable).
- Support input port auto switching or manual switching mode.
- Support Audio Return Channel (ARC).

CR-HD0404**UHD HDMI switcher**

This high performance HDMI Matrix Switcher can switch any of these four HDMI 2.0 sources to four HDMI 2.0 displays. Each input and output supports up to 4K60 4:4:4 resolution and HDCP 2.2. The outputs can be individually scaled for 1080p.

Features

- HDMI 2.0, HDCP 2.2 / HDCP 1.4 and DVI 1.0 compliant;
- Four 18G HDMI 2.0 video inputs support up to 4K60 4:4:4 resolution;
- Four 18G HDMI 2.0 video outputs support up to 4K60 4:4:4 resolution;
- Four outputs can be individually scaled for 4K→1080P;
- De-embedded audio to analog L/R and Coaxial ports output;
- ARC audio return to the coaxial ports output only;
- Built-in Web GUI for TCP/IP control;
- Advanced EDID management supported;
- Four methods of control: Front panel, RS-232, IR remote and TCP/IP;
- Compact design for easy and flexible installation.

CR-HD0808**UHD HDMI switcher**

The 18Gbps 8x8 HDMI Matrix supports the transmission of video (up to 4K2K@60Hz YUV 4:4:4) and multi-channel high resolution digital audio from 8 HDMI sources to 8 HDMI displays.

Features

- Compatible with HDMI 1.3b standard.
- HDMI 2.0b, HDCP 2.2 and HDCP 1.4 compliant;
- Video resolution up to 4K2K@60Hz (YUV 4:4:4) on all HDMI ports;
- Support 18Gbps video bandwidth;
- Dolby Vision, HDR10+ and HLG are supported;
- Support 4K->1080P Down Scaler for each output port;
- HDMI audio pass-through up to 7.1CH HD audio (LPCM, Dolby TrueHD and DTS-HD Master Audio);
- Audio de-embedded is supported via analog and coax ports;
- ARC, CEC and smart EDID management are supported;
- 1U rack mounted design with front panel OLED display;
- Control via front panel buttons, IR remote, RS-232, LAN and Web GUI.

CR-UHD1616**UHD HDMI switcher**

CR-UHD1616 18Gbps HDMI Matrix supports the transmission of video (resolution up to 4K2K@60Hz YUV 4:4:4) and multi-channel high resolution digital audio from 16 HDMI sources to 16 HDMI displays.

Features

- HDMI 2.0b, HDCP 2.2/1.x and DVI 1.0 compliant
- Video resolution up to 4K2K@60Hz (YUV 4:4:4) on all HDMI ports
- Support 18Gbps video bandwidth
- HDR, HDR10, HDR10+, Dolby Vision and HLG are supported
- Support 4K->1080P Down Scaler for each output port
- HDMI audio pass-through up to 7.1CH HD audio (LPCM, Dolby TrueHD and DTS-HD Master Audio)
- Audio de-embedded is supported via analog and coax ports
- ARC, CEC and smart EDID management are supported
- 1U rack mounted design with front panel OLED display
- Control via front panel buttons, IR remote, RS-232, LAN and Web GUI

CR-UHD0401P**HDMI Multiviewer Seamless UHD Video Switcher**

The CR-UHD0401P 4K60 4x1 Multiviewer Seamless UHD Video Switcher was developed for the purpose of supporting higher output resolution (4K@60) for multiple sources on a single screen.

Features

- HDMI 2.0b, HDCP 2.2 and HDCP 1.x compliant
- Support 18Gbps video bandwidth
- Input and output resolutions support up to 4K@60Hz
- Support LPCM, AC3, DD+, DTS, DTS-HD, up to 7.1 audio channel
- Seamless switching between input channels and combined multiple images on single UHD monitor
- Up to 8 display modes: SINGLE, PIP, PBP (1), PBP (2), Triple (1), Triple (2), Quad (1), Quad (2)
- Seamless switching on single screen display mode
- Fast switching on multiview display mode
- Audio de-embedding via analog and optical fiber audio ports
- Support volume control and independent audio selection

CR-UHD0404P**UHD Seamless HDMI switcher**

CR-UHD0404P 4K60 4:4:4 HDMI matrix is a multi-purpose high-speed video processing system. It can be configured for 2 different output modes. It can perform as a 4x4 seamless matrix switcher, as a 2x2, 4x1 or 1x4 etc video wall solution.

Features

- Compliant HDMI 2.0b
- Compliant HDCP 2.2 and HDCP 1.4
- Features 2 operational modes:
 - 4x4 Matrix (seamless switch)
 - Video wall (2x2, 4x1 or 1x4 etc configuration)
- Seamless video switching
- Video inputs support all industry standard video resolutions including VGA-WUXGA (up to 1920x1200 @60Hz) and 480i-4K (3840 x 2160 @60Hz 4:4:4, 4096 x 2160 @60Hz 4:4:4)
- HDMI outputs support upscale or downscale to any resolution, up to 4096 x 2160@60Hz 4:4:4
- Support LPCM, DD, DD+, DTS, Dolby TrueHD, DTS HD-master pass-through
- Advanced EDID management
- Web interface module for control and configuration of Matrix
- Control via front panel, IR, RS-232 and TCP/IP
- 3rd Party drivers available for all major home control brands

CR-HD0404SW**UHD seamless HDMI switcher**

CR-HD0404SW is a perfect solution for video transmission from 4 HDMI sources to 4 HDTV displays. It has video wall and multi-viewer functions with multiple display modes. 4x4 IR matrix, audio embedded and de-embedded are also supported.

Features

- HDMI 2.0 and HDCP 2.2 compliant
- Video resolution is up to 4K@60Hz 4:4:4
- Support 18Gbps video bandwidth
- Support 12 display categories in multi-viewer mode, and 9 splicing modes in video wall mode
- HDMI audio format: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio
- Support CEC control, and multiple video resolution output
- Advanced EDID management
- Control via front panel buttons, IR remote, RS-232, and Web GUI

CR-HD0808SW**UHD seamless HDMI switcher**

CR-HD0808SW is a perfect solution for video transmission from 8 HDMI sources to 8 HDTV displays. Video resolution is up to 4K@60Hz 4:4:4. Each output supports resolution downscaling individually. It features video wall function and built-in WEB server.

Features

- HDMI 2.0 and HDCP 2.2 compliant
- Video resolution is up to 4K@60Hz 4:4:4
- Support 18Gbps video bandwidth
- Support seamless switching
- Support 8 route L/R balanced audio output
- Each output supports image rotation (0°/180°), horizontal mirror and vertical mirror
- Blank screen, blue screen and LOS are optional when no signal outputs
- HDMI audio format: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio
- Support CEC control, and multiple video resolution output
- Support power-off memory and advanced EDID management
- Control via front panel buttons, IR remote, RS-232, and Web GUI

CR-IMAX51H70**HDMI UHD Seamless Multiviewer Video Switcher**

The CR-IMAX51H70 5x1 seamless presentation switch features 3 HDMI inputs, 2 USB-C inputs (DP Alt mode, USB 2.0, 100M Ethernet and 60W charging), 1 HDMI output and 1 HDBT mirrored output.

Features

- HDMI 2.0b, HDCP 2.2 and DP 1.2 compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K@60Hz 4:4:4
- Uncompressed 4K60 over HDBT 3.0 up to 132ft/40m via single CAT6A (F/FTP) cable
- Uncompressed 1080P&4K30 over HDBT 3.0 up to 230ft/70m via single CAT6A (F/FTP) cable
- Up to 5 categories of multiview display modes: Single/PIP/PBP/Triple/Quad
- Multiple multiview display modes: Auto/Single/PIP/PBP/Triple/Quad/Custom
- Support 5x1 seamless switching (single screen) and fast switching (multiview) function
- Input: 2x USB-C, 3x HDMI, 1x Analog audio, 1x Dante 2ch
- Output: 1x HDMI and 1x HDBT mirrored, 1x Analog audio, 1x Dante 2ch
- HDMI and HDBaseT (PoE) outputs (Mirrored)
- Dante 2x2 audio input and output
- CP/IP or Web GUI

CR-IMAX42H70**HDMI UHD Seamless Multiviewer Video Switcher**

The CR-IMAX42H70 4x2 seamless presentation switch supports video resolutions up to 4K@60Hz 4:4:4 8bit deep color and HDCP 2.3 compliant, it features multi-view function for multi sources can be displayed on single screen.

Features

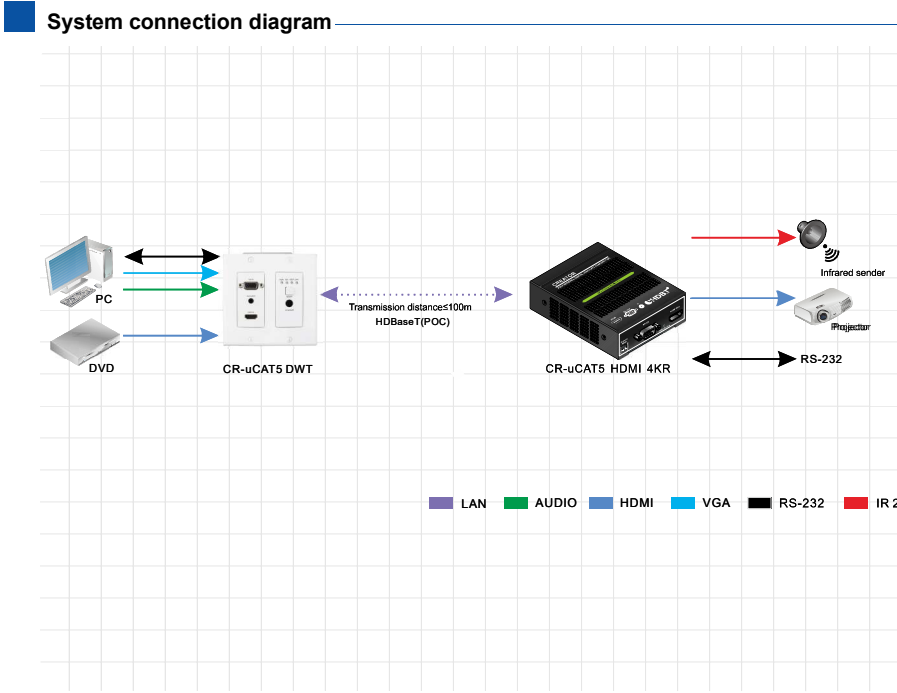
- HDMI 1.4b, HDCP 1.4 compliant
- Video resolution up to 4K@60Hz 4:4:4, as specified in HDMI 2.0b
- HDCP 2.3, DP 1.4 and HDBase 3.0 compliant
- USB 3.2 Gen 1 up to 5Gbps
- 4x2 seamless switching (single screen) and fast switching (multiview) function
- Manual switching or auto switching mode
- Multiple multiview display modes: Auto/Single/PIP/PBP/Triple/Quad/Custom
- Input: 2x USB-C, 2x HDMI, 1x Analog audio, 1x Dante 2ch
- Output: 1x HDMI, 1x HDMI + HDBaseT mirrored, 1x Analog audio, 1x Dante 2ch
- USB-C supports DisplayPort Alternate mode for A/V, USB 3.2, 1G LAN and 60W charging
- Local USB 3.2 switching and extending USB 2.0 over HDBaseT 3.0
- Local USB KVM hotkeys and mouse switching sign for easy and flexible installation

CR-IMAX45H70-R**HDMI UHD Seamless Multiviewer Video Switcher Receiver**

The CR-IMAX45H70-R is the receiver of CR-IMAX42H70 or CR-IMAX51H70. It supports HDBaseT 3.0 extending uncompressed 4K60Hz 4:4:4 up to 132ft/40m or 4K30Hz/1080P60Hz up to 230ft/70m via single Cat6A cable.

Features

- HDMI 1.4b, HDCP 1.4 compliant
- Video resolution up to 4K@60Hz 4:4:4, as specified in HDMI 2.0b
- HDCP 2.3, DP 1.4 and HDBase 3.0 compliant
- USB 3.2 Gen 1 up to 5Gbps
- Multiple multiview display modes: Auto/Single/PIP/PBP/Triple/Quad/Custom
- Local USB 3.2 switching and extending USB 2.0 over HDBaseT 3.0
- Local USB KVM hotkeys and mouse switching
- Uncompressed 4K60 4:4:4 over HDBaseT 3.0 up to 132ft/40m via single CAT6A cable
- Uncompressed 1080P&4K30 over HDBaseT 3.0 up to 230ft/70m via single CAT6A cable
- CEC/RS-232 control external devices ON/OFF
- Advanced EDID management
- Support standard PoE power supply from TX to RX (TX_PSE, RX_PD)
- Flexible control via front panel buttons, IR remote, RS-232, TCP/IP or Web GUI



CR-uCAT5 COMP 300T**HDBaseT series
COMPONENT/CAT5 transmitter**

It can transmit high definition 1080p video up to 100 meters. It can also transmit bi-directional RS-232, bi-directional IR signals at the same time. There is a HDMI monitoring output at the transmitter end, which can be used for extension and video monitoring.

Features

- Support CV, Y/C, YPbPr, VGA, DVI, and HDMI signals input.
- Support outside analog audio embedded into the video signal for simultaneous transmission.
- Support resolution switching function; support up-scale to 1080p@60Hz.
- Support built-in bi-directional IR and RS-232 transmission.
- Support video, audio, IR, RS-232 simultaneous transmission. The transmission distance can be up to 100 meters with Cat5e/6 shielding cable.
- Support firmware upgrade via RS-232.
- Support PoE function.

CR-uCAT5 COMP 300R**HDBaseT series
COMPONENT/CAT5 Receiver**

It can transmit high definition 1080p video up to 100 meters. It can also transmit bi-directional RS-232, bi-directional IR signals at the same time. It's a economical solution for long distant video transmission needs.

Features

- Support CV, Y/C, YPbPr, VGA, DVI, and HDMI signals input.
- Support outside analog audio embedded into the video signal for simultaneous transmission.
- Support resolution switching function; support up-scale to 1080p@60Hz.
- Support built-in bi-directional IR and RS-232 transmission.
- Support video, audio, IR, RS-232 simultaneous transmission. The transmission distance can be up to 100 meters with Cat5e/6 shielding cable.
- Support firmware upgrade via RS-232.
- Support PoE function.

CR-uCAT5 HDMI 4KT**HDBaseT series
HDMI/CAT5 transmitter**

The CR-uCAT5 HDMI 4KT provides a simple and reliable solution for extending 4Kx2K video, audio, and control signals up to 330 feet (100 meters) over a single CAT5e/6.

Features

- Extends uncompressed digital video, audio, and control signals up to 330 feet (100 meters) over a single CAT5e twisted-pair cable.
- Compatible with HDMI1.4a, DVI1.0, and HDCP.
- Works reliably without any programming or configuration.
- Handles Full HD 1080p video with Deep Color and 3D.
- Handles 4K video resolutions up to 230 feet (70 meters).
- Passes CEC, EDID and HDCP.
- Includes universal IR emitter up to 38kHz.
- Extends bidirectional RS-232 up to 115200 bps.
- 12VDC power pack included.
- Support POC.
- Compatible with HDMI and DVI display devices.

CR-uCAT5 HDMI 4KR**HDBaseT series
HDMI/CAT5 receiver**

The CR-uCAT5 HDMI 4KR provides a simple and reliable solution for extending 4Kx2K video, audio, and control signals up to 330 feet (100 meters) over a single CAT5e/6.

Features

- Extends uncompressed digital video, audio, and control signals up to 330 feet (100 meters) over a single CAT5e twisted-pair cable.
- Compatible with HDMI1.4a, DVI1.0, and HDCP.
- Works reliably without any programming or configuration.
- Handles Full HD 1080p video with Deep Color and 3D.
- Handles 4K video resolutions up to 230 feet (70 meters).
- Passes CEC, EDID and HDCP.
- Includes universal IR emitter up to 38kHz.
- Extends bidirectional RS-232 up to 115200 bps.
- 12VDC power pack included.
- Support POC.
- Compatible with HDMI and DVI display devices.

CR-uCAT5 DWT**Wall Plate 4K HDBaseT transmitter**

CREATOR CR-uCAT5 DWT features US 2-gang decora form and can be installed on wall and on floor. It consists of one HDMI and one VGA inputs with a 3.5mm audio connector and extends 4K@60 4:2:0 video, along with power.

Features

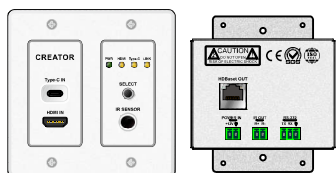
- Two inputs switching between HDMI and VGA to an HDBT output
- HDMI and VGA inputs AV switching transmitter.
- Supports automatic switching.
- HDMI input up to 4K@60Hz (YUV 4:2:0) and HDCP 2.2; VGA input up to 1920x1200@60Hz.
- Transmits 4K@60Hz (YUV 4:2:0) and 1080P@60Hz signal up to 100m/330ft via a Cat 6a/7 cable.
- Transmits 4K@60Hz (YUV 4:2:0) signal up to 70m/230ft and 1080P@60Hz signal up to 100m/330ft via a Cat 5e/6 cable.
- Supports RS232 and IR pass-through over HDBaseT.
- Supports one-way PoC function, the transmitter can be powered by the receiver with same PoC module.

CR-uCAT5 DET86**Wall Plate 4K HDBaseT transmitter**

CR-uCAT5 DET86, a 4K60 HDMI/USB-C HDBT Wall-plate Transmitter supports one HDMI input and one USB-C input within a standard 86mm×86mm wall box. It can transmit HDMI high-definition signal, bidirectional IR control signal,

Features

- HDMI 2.0b, HDCP 2.2/1.x and DP 1.2a compliant
 - HDMI input supports 18Gbps video bandwidth
 - USB input supports 5.4Gbps video bandwidth
 - Support video resolution up to 4K2K@60Hz (4:4:4)
 - Up to 7.1 channels HD audio
 - Input signal source selection supports button switching
 - Built-in mode DIP switch for selecting the HBT mode or LRM mode
- HBT mode: Audio and video signals can be transmitted up to 328ft/100m for 4K60/4K30/1080P
- LRM mode: Audio and video signals can be transmitted up to 492ft/150m for 4K30/1080P
- Built-in EDID DIP switch supports intelligent EDID management

CR-uCAT5 DET**Wall Plate 4K HDBaseT transmitter**

CR-uCAT5 DET 4K twisted pair transmitter is a new generation of CAT5 audio, video, control and other integrated signal 4K twisted pair transmitter upgraded on the basis of the previous generation digital transmitter products.

Features

- Support Type-C USB3.1 4K video input;
- Support HDMI1.4, compatible with HDCP, DVI1.0;
- Support 4K HDMI with digital audio input;
- Support IR, RS232 bidirectional transmission;
- Support POC;
- Supports two installation methods: table-mounted and wall-mounted;
- The maximum transmission distance of CAT5e/6 shielded network cable reaches 100M.

CR-BDET86-RX**HDBaseT series
HDMI/CAT5 receiver**

CR-BDET86-RX is a 4K60 HDMI receiver for wall-plate transmitter CR-uCAT5 DET86. The extenders can extend HDMI high-definition signal, bidirectional IR control signal, bidirectional RS-232 control signal and USB 2.0 signal over

Features

- HDMI 2.0b, HDCP 2.2/1.x and DP 1.2a compliant
 - HDMI input supports 18Gbps video bandwidth
 - USB input supports 5.4Gbps video bandwidth
 - Support video resolution up to 4K2K@60Hz (4:4:4)
 - Up to 7.1 channels HD audio
 - Input signal source selection supports button switching
 - Built-in mode DIP switch for selecting the HBT mode or LRM mode
- HBT mode: Audio and video signals can be transmitted up to 328ft/100m for 4K60/4K30/1080P
- LRM mode: Audio and video signals can be transmitted up to 492ft/150m for 4K30/1080P
- Built-in EDID DIP switch supports intelligent EDID management

CR-uCAT5 WP70T**4K HDBaseT Transmitter**

CR-uCAT5 WP70T HDMI Wall-plate supports one HDMI input and analog audio input within a standard 86mm×86mm wall box.

Features

- HDMI 2.0b and HDCP 2.2 compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K@60Hz 4:4:4
- Transmission distance can be extended up to 230ft / 70m for 1080P signal or 131ft / 40m for 4K signal via a single CAT6/6a cable
- Transmitter supports audio embedding, Receiver supports audio de-embedding
- Support two-way IR and RS-232 control
- Standard 86mm×86mm wall box
- POC 24V or local DC 24V power supply

CR-UCAT HDMI70T**4K HDBaseT transmitter**

CR-UCAT HDMI70T is a transmitter which uses HDBaseT technology to extend the HDMI signal and bi-directional IR control signal to 70 meters via a single Cat 5e/6 cable.

Features

- HDMI 1.4 and HDCP 2.2 compliant
- Transmission distance: ※Over CAT6 cable
70 meters: 1080P @60Hz36bit;
3D1080P@30Hz36bit;
40 meters: 1080P @60Hz@48bit; 1080P @120Hz@24bit;
3D1080P@60Hz@36bit; 4K x 2K@30Hz@24bit.
- Support video resolution up to 4k2k@30Hz
- Support 10.2Gbps video bandwidth
- Support POC (Power Over Cable) function, it means that either the transmitter or receiver is connected to 12V/1A power supply, the other doesn't need power supply
- With bi-directional IR and RS-232 control signal pass-through
- Compact design for easy and flexible

CR-uCAT5 HDMI 70R**4K HDBaseT receiver**

CR-uCAT5 HDMI 70R is designed to be used in conjunction with the HDMI Wall-plate. It can extend transmission distance up to 230ft / 70m for 1080P signal or 131ft / 40m for 4K signal. The video resolution is up to 4K@60Hz 4:4:4.

Features

- HDMI 2.0b, HDCP 2.2 / 1.4 and DVI 1.0 compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K@60Hz 4:4:4
- Transmission distance can be extended up to 230ft / 70m for 1080P signal or 131ft / 40m for 4K signal via a single CAT6/6a cable
- Support audio de-embedding
- With bi-directional IR, RS-232 and CEC pass-through
- HDR, HDR10+, Dolby Vision and HLG function supported
- Support POC (Power over Cable) function
- Compact design for easy and flexible installation

CR-UCAT HDMI70R**4K HDBaseT receiver**

CR-UCAT HDMI70R is a receiver which uses HDBaseT technology to extend the HDMI signal and bi-directional IR control signal to 70 meters via a single Cat 5e/6 cable.

Features

- HDMI 1.4 and HDCP 2.2 compliant
- Transmission distance: ※Over CAT6 cable
70 meters: 1080P @60Hz36bit;
3D1080P@30Hz36bit;
40 meters: 1080P @60Hz@48bit; 1080P @120Hz@24bit;
3D1080P@60Hz@36bit; 4K x 2K@30Hz@24bit.
- Support video resolution up to 4k2k@30Hz
- Support 10.2Gbps video bandwidth
- Support POC (Power Over Cable) function, it means that either the transmitter or receiver is connected to 12V/1A power supply, the other doesn't need power supply
- With bi-directional IR and RS-232 control signal pass-through
- Compact design for easy and flexible

CR-UCAT HDMI100H3T

4K HDBaseT transmitter



CR-UCAT HDMI100H3T is a HDBaseT 3.0 Extender can extend uncompressed HD/UHD video and audio signals, eARC/ARC, RS-232, bi-directional IR, 1GbE ethernet and USB2.0 signals up to 100m/328ft via a single CAT6A/7 cable.

Features

- HDMI 2.0b, HDCP 2.2 and HDBaseT 3.0 compliant, uncompressed 4K@60Hz 4:4:4 up to 18Gbps video bandwidth
- Support HDR, HDR10, HDR10+, Dolby Vision and HLG pass through, LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD pass through
- Supports eARC/ARC function (the audio is returned to the HDMI IN port, HDMI OUT(AUDIO ONLY) port and SPDIF OUT port of the transmitter.)
- Transmission distance up to 328ft/100 meters via a single CAT 6A/7 cable, with Bi-directional 24V POC function
- Supports USB2.0 transmission, Host/Device is configurable, Bi-directional IR, RS-232 and 1G Ethernet signal pass through

CR-UCAT HDMI100H3R

4K HDBaseT receiver



CR-UCAT HDMI100H3R is a HDBaseT 3.0 Extender can extend uncompressed HD/UHD video and audio signals, eARC/ARC, RS-232, bi-directional IR, 1GbE ethernet and USB2.0 signals up to 100m/328ft via a single CAT6A/7 cable.

Features

- HDMI 2.0b, HDCP 2.2 and HDBaseT 3.0 compliant, uncompressed 4K@60Hz 4:4:4 up to 18Gbps video bandwidth
- Support HDR, HDR10, HDR10+, Dolby Vision and HLG pass through, LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD pass through
- Supports eARC/ARC function (the audio is returned to the HDMI IN port, HDMI OUT(AUDIO ONLY) port and SPDIF OUT port of the transmitter.)
- Transmission distance up to 328ft/100 meters via a single CAT 6A/7 cable, with Bi-directional 24V POC function
- Supports USB2.0 transmission, Host/Device is configurable, Bi-directional IR, RS-232 and 1G Ethernet signal pass through

CR-UCAT HDMI150T

4K HDBaseT transmitter



The 18Gbps HDMI Extender CR-UCAT HDMI150T can extend high definition video / audio signal, RS-232, bi-directional IR, and the distance is up to 492ft / 150 meters between transmitter and receiver via a single CAT cable.

Features

- HDMI 2.0, HDCP 2.2 / HDCP 1.4 and DVI 1.0 compliant
- Support 18Gbps video bandwidth
- Input and output extends distance up to 394ft / 120 meters when 4K2K signal and 492ft / 150 meters when 1080P signal
- Support one HDMI loop output on transmitter
- De-embedded audio to analog stereo output on receiver
- With bi-directional IR, RS-232 and CEC pass-through
- Support HDR, HDR10+, Dolby Vision and HLG function
- Support PoC (Power over Cable)
- Compact design for easy and flexible installation.

CR-UCAT HDMI150R

4K HDBaseT receiver



The 18Gbps HDMI Extender CR-UCAT HDMI150R can extend high definition video / audio signal, RS-232, bi-directional IR, and the distance is up to 492ft / 150 meters between transmitter and receiver via a single CAT cable.

Features

- HDMI 2.0, HDCP 2.2 / HDCP 1.4 and DVI 1.0 compliant
- Support 18Gbps video bandwidth
- Input and output extends distance up to 394ft / 120 meters when 4K2K signal and 492ft / 150 meters when 1080P signal
- Support one HDMI loop output on transmitter
- De-embedded audio to analog stereo output on receiver
- With bi-directional IR, RS-232 and CEC pass-through
- Support HDR, HDR10+, Dolby Vision and HLG function
- Support PoC (Power over Cable)
- Compact design for easy and flexible installation.

CR-UCAT HDMI150U2T

4K HDBaseT transmitter



CR-UCAT HDMI150U2T is a transmitter which can extend HDMI signal, bi-directional IR control signal and USB KVM signal to a distance up to 492ft / 150m (Long Reach Mode) via a single CAT6 cable.

Features

- HDMI 2.0b and HDCP 2.2 compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K2K@60Hz YUV 4:4:4
- With Mode DIP switch to select HDBaseT Mode & Long Reach Mode

HDBaseT Mode:

USB supports USB 2.0 transmission (support connecting with USB camera, USB flash drive and other devices); the audio & video signal transmission distance can be extended up to 328ft / 100m for 4K60

Long Reach Mode:

USB only supports HID (Human Interface Device) device; the audio & video signal transmission distance can be extended up to 492ft / 150m For 1080P or 394ft / 120m for 4K@60

CR-UCAT HDMI150U2R

4K HDBaseT receiver



CR-UCAT HDMI150U2R is a receiver which can extend HDMI signal, bi-directional IR control signal and USB KVM signal to a distance up to 492ft / 150m (Long Reach Mode) via a single CAT6 cable.

Features

- HDMI 2.0b and HDCP 2.2 compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K2K@60Hz YUV 4:4:4
- With Mode DIP switch to select HDBaseT Mode & Long Reach Mode

HDBaseT Mode:

USB supports USB 2.0 transmission (support connecting with USB camera, USB flash drive and other devices); the audio & video signal transmission distance can be extended up to 328ft / 100m for 4K60

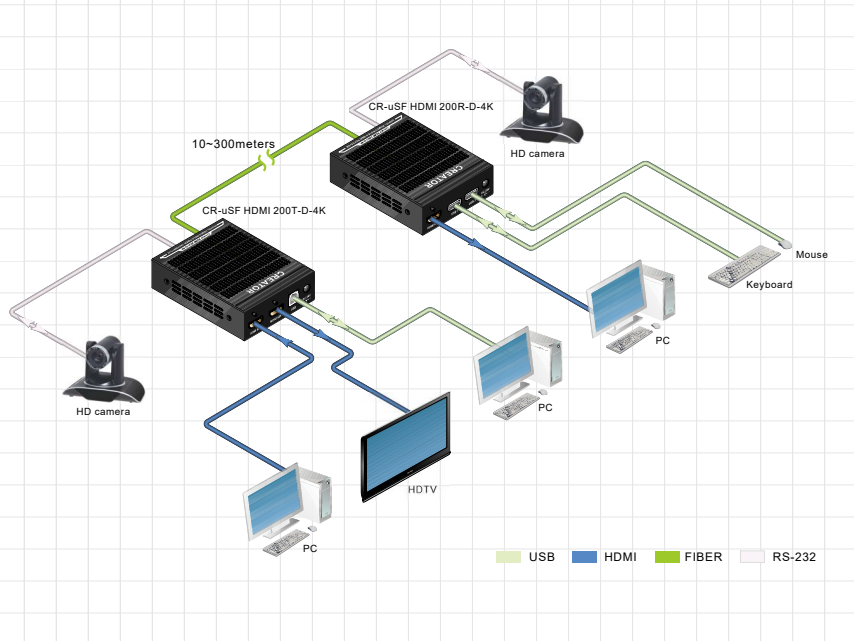
Long Reach Mode:

USB only supports HID (Human Interface Device) device; the audio & video signal transmission distance can be extended up to 492ft / 150m For 1080P or 394ft / 120m for 4K@60

Fiber Optical Extender



System connection diagram



CR-uSF AV 200T**COMPONENT/FIBER transmitter****Features**

- Support for single core multi-format fiber to transmit CV, Y/C, YPbPr, VGA, DVI, and HDMI signals.
- With HDMI-Monitor video output monitor function.
- Support transmission of synchronous Audio signal, IR signal and RS-232 signal
- Support the field refresh EDID
- Transmission distance is up to 300M.

CR-uSF AV 200T is a single core multi-format optical fiber transmitter supporting multiple format component video. It can convert CV, Y/C, YPbPr, VGA, DVI, HDMI video signals and Audio signal into optical signal for transmission. It can be matched with the matrix.

CR-uSF HD 200T**HD/FIBER transmitter****Features**

- Support single core multi-format fiber transmission of high resolution of HDMI/DVI signal.
- With HDMI-monitor video output monitor function.
- Support transmission of Audio signal, IR signal and RS-232 signal.
- Support the field refresh EDID.
- Transmission distance is up to 300M.

CR-uSF HD 200T is a single core multi-format optical fiber transmitter supporting high resolution HDMI, DVI signals. It can convert HDMI video signal into optical signal for transmission, and can be used with single core optical fiber transmission receiver or fiber matrix.

CR-uSF HDMI 200R**HDMI/FIBER receiver****Features**

- Support single core multi-format fiber transmission of high resolution of HDMI signal.
- Support transmission of audio signal, IR signal and RS-232 signal.
- Transmission distance is up to 300M.

CR-uSF HDMI 200R is a single core multi-format optical fiber transmitter supporting high resolution HDMI signals. It can convert optical fiber video signal into HDMI high-definition signal, and should be used with CR-uSF HD 200T or matrix.

CR-uSF DVI 200R**DVI/FIBER receiver****Features**

- Support single core multi-format fiber transmission of high resolution of DVI signal.
- Support transmission of Audio signal, IR signal and RS-232 signal.
- Transmission distance is up to 300M.

CR-uSF DVI 200R is a single core multi-format fiber transmission receiving terminal supporting high resolution DVI signal. It can restore the received optical signal to the HD DVI signal and audio signal, and can be used with CR-uSF HD 200T or fiber matrix.

CR-uSF AV 200R

COMPONENT/FIBER receiver



CR-uSF AV 200R is a single core multi-format optical fiber transmission receiving terminal supporting high resolution CVBS, YPbPr, VGA signal. It can restore the optical signals received to CVBS, YPbPr, VGA signal and audio signals, and can be used with CR-uSF HD 200T.

Features

- Support single core multi-format fiber transmission of high resolution CVBS, YPbPr, VGA signal.
- Support transmission of Audio signal, IR signal and RS-232 signal.
- Transmission distance up to 300M.

CR-uSF DP 200T-D-4K

DP/FIBER Transmitter



CR-uSF DP 200T-D-4K, a 4K fiber transmitter, is a new generation of audio, video and control signal transmitter which was updated on the basis of the previous digital transmitter. Using the advanced optical transmission technology, the maximum transmission distance can reach 1km, the maximum resolution can reach 4K x 2K.

Features

- Support DP1.1;
- Digital audio embedded with DP input;
- Support bi-directional RS-232, KVM transmission;
- Support simultaneous transmission of video, audio and RS-232, HDMI loopout.

CR-uSF HDMI 200T-D-4K

HDMI/FIBER Transmitter



CR-uSF HDMI 200T-D-4K, a 4K fiber transmitter, is a new generation of audio, video and control signal transmitter which was updated on the basis of the previous digital transmitter. Using the advanced optical transmission technology, the maximum transmission distance can reach 1km, the maximum resolution can reach 4K x 2K.

Features

- Support HDMI 1.4, HDMI1.3a, compatible with HDCP, DVI1.0;
- Digital audio embedded with HDMI input;
- Support bi-directional RS-232, KVM transmission;
- Support simultaneous transmission of video, audio and RS-232, HDMI loopout

CR-uSF HDMI 200R-D-4K

HDMI/FIBER Receiver



CR-uSF HDMI 200R-D-4K, a 4K fiber transmitter, is a new generation of audio, video and control signal transmitter which was updated on the basis of the previous digital transmitter. Using the advanced optical transmission technology, the maximum transmission distance can reach 1km.

Features

- Support HDMI 1.4, HDMI1.3a, compatible with HDCP, DVI1.0;
- Digital audio embedded with HDMI output;
- Support bi-directional RS-232, KVM transmission;
- Support simultaneous transmission of video, audio and RS-232.

CR-uSF SDI 200T-D

SDI/FIBER Transmitter



CR-uSF SDI 200T-D, is a new generation of audio, video and control signal transmitter which was updated on the basis of the previous digital transmitter. Using the advanced optical transmission technology, the maximum transmission distance can reach 1km, the maximum resolution can reach 1920*1080P.

Features

- Digital audio embedded with SDI input;
- Support bi-directional RS-232, KVM transmission;
- Support simultaneous transmission of HD/3G SDI, and RS-232, BNC loopout.

CR-uSF DVI 200R-D

DVI/FIBER Receiver



CR-uSF DVI 200R-D, is a new generation of audio, video and control signal transmitter which was updated on the basis of the previous digital transmitter. Using the advanced optical transmission technology, the maximum transmission distance can reach 1km, the maximum resolution can reach 1920*1080P.

Features

- Support DVI 1.0;
- Support analog audio input ;
- Support bi-directional RS-232, KVM transmission;
- Support simultaneous transmission of video, audio and RS-232.

CR-uSF DVI 200T-D

DVI/FIBER Transmitter



CR-uSF DVI 200T-D, is a new generation of audio, video and control signal transmitter which was updated on the basis of the previous digital transmitter. Using the advanced optical transmission technology, the maximum transmission distance can reach 1km, the maximum resolution can reach 1920*1080P.

Features

- Support DVI 1.0;
- Support analog audio input ;
- Support bi-directional RS-232, KVM transmission;
- Support simultaneous transmission of video, audio and RS-232, with DVI loopout.

CR-uSF HDMI BU-T

HDMI/FIBER Transmitter



CR-uSF HDMI BU-T, is a new generation of audio, video and control signal transmitter which was updated on the basis of the previous digital transmitter. Using the advanced optical transmission technology, the maximum transmission distance can reach 1km, the maximum resolution can reach 4K*2K@30.

Features

- Supports HDMI 1.4, HDMI 1.3a compatible with HDCP, up to 4K* 2K@30;
- HDMI embedded digital audio input and output ;
- Support bidirectional RS232, USB muse, USB keyboard transmission;
- Support simultaneous transmission of video, audio, and RS232;
- Transmitter with HDMI loop output.

CR-uSF HDMI BU-R

HDMI/FIBER Receiver



CR-uSF HDMI BU-R, is a new generation of audio, video and control signal extender which was updated on the basis of the previous digital extender. Using the advanced optical transmission technology, the maximum transmission distance can reach 1km, the maximum resolution can reach 4K*2K@30.

Features

- Supports HDMI 1.4, HDMI 1.3a compatible with HDCP, up to 4K* 2K@30;
- HDMI embedded digital audio input and output ;
- Support bidirectional RS232, USB muse, USB keyboard transmission;
- Support simultaneous transmission of video, audio, and RS232;
- Transmitter with HDMI loop output.

CR-F02P-R

4K HDMI Extender



CR-uSF DVI 200R-D, is a new generation of audio, video and control signal transmitter which was updated on the basis of the previous digital transmitter. Using the advanced optical transmission technology, the maximum transmission distance can reach 1km, the maximum resolution can reach 1920*1080P.

Features

- Support DVI 1.0;
- Support analog audio input ;
- Support bi-directional RS-232, KVM transmission;
- Support simultaneous transmission of video, audio and RS-232.

CR-F02P-T

4K HDMI Extender



CR-F02P-T can extend HDMI signal up to 33000 feet/10 km (over single-mode fiber cable). It supports video resolution up to 4K2K@60Hz 4:4:4. Transmitter supports loop output, audio embedding and EDID management function. Receiver supports audio extracting function.

Features

- HDMI 2.0b, HDCP 2.2 and DVI 1.0 compliant
- Support 18Gbps video bandwidth
- Video resolution up to 4K2K@50/60Hz 4:4:4
- HDMI audio formats: LPCM2/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
- Support 3D and HDR format video, does not support CEC control
- Transmission distance up to 33000 feet/10 km (over single-mode fiber Cable)
- *It is possible to use multi-mode fiber with these SFP modules but the distance can not be guaranteed.
- Support bidirectional IR control, RS-232 pass-through and EDID management for simple and convenient control