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HDCVT

SHENZHEN HDCVT TECHNOLOGY CO., LTD

PRODUCT MANUAL

CONSUMER ELECTRONICS

2018/4

COMPANY PROFILE

The Company was founded in 2009 and located in Shenzhen china,HDCVT TECHNOLOGY CO.,LTD is a professional manufactory of all kinds of AV conversion and extension products.

As one of the leading suppliers of AV product in China, We have our own sophisticated facilities, the plant which covers an area of approximately The certificates that we have accepted are:HDCP,HDBaseT,HDMI Adopter, CE,FCC,EMC.

Backed up by powerful R&D team,most with master degree and rich experience in video/picture processing area, HDCVT develops rapidly and gets the reputation in the A&V field. At the same time, HDCVT works closely with world-leading chip suppliers and cooperates with world-wide leading manufacturers of HD digital process video chip supplier including Maxium, ADI, Silicon image, TI, ST, Micron, Sigma, Xilinx, Mediatek, Altera,etc.

Our products line:
HDMI Products:HDMI Swither/Splitter/Converter/Matrix/Extender
Video Converter:AV to VGA,PC to TV,DVI to VGA,BNC to VGA,VGA to AV
Audio:Dollby DTS Ac3 Decoder,HDMI Decoder,Digital/Analog converter
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HDMI Surge Protector

HP-01

Introduction

The HDMI surge protector is used to protect the HDMI devices against Electrostatic discharge/Cable Discharge Events /Lightning. It is active on all TMDS channels and will act as a final defense for ESD and lightning surge.

Features

- Compliant with HDM1.4,HDCP.
- Protect HDMI Input and Output for ESD and lighting surge.
- Meet IEC 61000–4–2 (ESD) ±15kV (air), ±8kV (contact).
- Meet IEC 61000–4–4 (EFT) 40A (5/50ns).
- Meet IEC 61000–4–5 (Lightning) 5A (8/20s).
- Spark voltage/Current protection.

HDMI Repeater

HDV-R55

Introduction

The UHD 4K2K HDMI Repeater is the most advanced solution for HDMI signal extension or cascade. It does amplifies signal and equalization to provide high performance I/O of audio and video through HDMI cable for distance up to 20 meters at 4K2K@60Hz (Only YUV_420) and 30 meters at 1080p@60Hz. Capable of receiving and transmitting 3Gbps bandwidth rate with CDR (Clock Data Recovery) ensure not data loss.

Features

- HDCP 2.2 and HDMI2.0 Compliant;
- Built–in TMDS equalization and CDR (Clock Rate Recovery) for extended HDMI cable distance;
- Supports HDMI Input/Output cable distance up to 20m at 4K2K@50/60 & YUV_420;
- Supports HDMI Input/Output cable distance up to 30m at 1080P@50/60;
- Requires HDMI source devices to output power to the unit over HDMI cable;

HDMI TO HDMI+AUDIO WITH ARC

HDV-M903U

Introduction

The MINI HDMI to HDMI+Audio Repeater increases the analog stereo and digital toslink audio output On basis of the HDMI signal transmission. The audio signal can be easily connected to the earphones or digital audio power amplifier.

Features

- Supports up to 4Kx2K High Definition resolution;
- Supports smart EDID and ARC functions.
- Support digital audio format：DTS–HD/Dolby–True HD /LPCM7.1/AC3/DTS/DSD

HDMI 18G Audio Extractor

HDV-MB01

Introduction

The HDMI 18G Audio Extractor could extract audio signal from any HDMI compliant source to digital optical and analog stereo L/R outputs. It supports up to 4K2K@60Hz 4:4:4 and 10bits HDR (High Dynamic Range) pass through. HDCP 2.2 and CEC are also supported.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:4:4) 18Gbps
- Extracts HDMI audio to multi–channel optical (SPDIF) or L/R analog audio
- Optical audio supports LPCM 2CH, Dobly Digital 2/5.1CH, DTS 2/5.1CH
- Audio sample rates up to 192kHz
- 10bits HDR (High Dynamic Range) pass through

1x1 HDMI 2.0 HD Audio Extractor w/Dedicated HDMI out for HD Audio

HDV-B11A

Introduction

The HDMI 18Gb HD audio extractor is the industry's first product supports dedicated HDMI output for extracting audio only. It can allow user still uses existing AV Receiver to receive 4K2K@HDCP 2.2 content audio. It also supports optical, L/R audio out and HDMI loop out, as well as ARC and 10bits HDR (High Dynamic Range) pass through.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:4:4) 18Gbps
- Dedicated HDMI out for audio only with 1080p60 black screen
- Multi-channel optical (SPDIF) and L/R analog audio output
- 10bits HDR (High Dynamic Range) pass through
- Smart EDID management (2CH/5.1CH/7.1CH/OUT1/OUT2)
- Supports ARC and CEC

1X1 HDMI 2.0 Repeater w/4K Scaling

HDV-BS11

Introduction

The machine is a HDMI Repeater with one input and one output port, it can do scaler up/down/pass-through . Furthermore,both input and output HDMI support video resolution up to 4K2K@60Hz (YUV444) and HDMI high resolution digital audio formats bypass,LPCM 2CH, Dolby TrueHD, Dolby Digital Plus, Dolby Atmosand DTS-HD Master Audio, audio sampling rate up to 192 kHz. HDCP 2.2 and CEC bypass supported.

Features

- HDMI 6G 20M Re-timer & Repeater with scaling
- Amplifies and equalizes the HDMI signal to provide high quality audio and video
- HDMI extension transmission over long cable and supports multiple layers cascading
- Supports scaling up/down between 4K and 1080p (no frame rate conversion)
- HDCP 2.2 or HDCP 1.4 indicator
- Dolby TrueHD, DTS-HD Master Audio, and LPCM digital audio streams up to 7.1channels

HDMI Bi-direction switcher

HDV-A2112

Introduction

This is a device of HDMI 2 port bi-direction manual switcher. It can easily switch two routes of HD sources to any one HD display or projector. It can also distribute one HD source to two HD display or projector.

Features

- Compliant with HDMI1.2, 1.3, 1.4;
- Support 3D;
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio;
- Supports 1 to 2 or 2 to 1 switch;
- Easy install & operation;

HDMI 2x1 Multi-Viewer With PIP

HDS-821PR

Introduction

This product is a high performance 2 by 1 Multi-Viewer. It supports two High definition input source display on one screen. As a Multi-Viewer, it can display on one screen in 4 modes.

Features

- Compliant with HDMI 1.3a,HDCP 1.2;
- Supports multiplexed HDMI 2-input and 1-output and 4 display modes;
- Supports up to 1080p High Definition resolution;
- Support scaler up, scaler down function;
- Support multi output resolution;
- Support digital audio format LPCM/AC3/DTS

3X1 HDMI 1.4 Switch

HDS-931

Introduction

This is a high performance 3 HDMI input and 1 HDMI output switch. It supports HDCP repeater functions and fast switching between any of the HDMI input ports. The system supports all 3D TV formats in addition to all HDTV formats up to 4Kx2K.

Features

- Compliant with HDMI 1.4a, CTS 1.4a, DVI 1.0 standards.
- HDMI 1.4 support: 3D TV support.
- Support 3D Video & 4Kx2K, 8, 10, 12 & 16 bits per color depth.
- Audio support:Dolby TrueHD,DTS–HD Master Audio 7.1CH
- Low power consumption, does not require an external power supply

5X1 HDMI 1.4 Switch

HDS-951

Introduction

This is a high performance 5 HDMI input and 1 HDMI output switch. It supports HDCP repeater functions and fast switching between any of the HDMI input ports. The system supports all 3D TV formats in addition to all HDTV formats up to 4Kx2K.

Features

- Compliant with HDMI 1.4a, CTS 1.4a, DVI 1.0 standards.
- HDMI 1.4 support: 3D TV support.
- Support 3D Video & 4Kx2K, 8, 10, 12 & 16 bits per color depth.
- Audio support:Dolby TrueHD,DTS–HD Master Audio 7.1CH
- Low power consumption, does not require an external power supply

4x1 HDMI 1.4 Switch with Audio

HDS-941A

Introduction

This is a high performance HDMI Switcher with four HDMI inputs & one output HDMI Switcher, the HDMI Switcher provides an S/PDIF link and earphone to output the HDMI source audio.the S/PDIF link support Audio Return Channel (ARC) from a compaitble ARC TV following the HDMI v1.4 specification.

Features

- Supports multiplexed HDMI 4–input and 1–output
- HDMI v1.4 supports:– 4Kx2K@30Hz–Audio Return Channel (ARC)– –3D
- Deep Color support 36/30/24–bit
- Supports CEC bypass on HDMI out
- Support digital audio format ,DTS–HD/Dolby–True HD/LPCM7.1/AC3/DTS/DSD
- Super wideband IR control system, IR transport channel can be forward or backward.

3x1 HDMI 2.0 Switch

HDS-A31

Introduction

This is a high performance three HDMI input and one HDMI output switcher . The system supports all 3D TV formats in addition to all HDTV formats up to 4Kx2K. Furthermore, the remote control gives uses to complete control over the selection of sources and makes the device incredibly user friendly.

Features

- Compliant with HDMI2.0, HDCP2.2 and DVI 1.0;
- Support 3D frame sequential video format up to 1080p@60;
- Support high resolution VESA mode video format up to QSXGA@60Hz;
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS–HD Master Audio;
- Supports smart auto switch function;
- Supports IR and Panel button control;

5X1 HDMI 2.0 Switch

HDS-A51

Introduction

This is a high performance five HDMI input and one HDMI output switcher . The system supports all 3D TV formats in addition to all HDTV formats up to 4Kx2K. Furthermore, the remote control gives uses to complete control over the selection of sources and makes the device incredibly user friendly.

Features

- Compliant with HDMI2.0, HDCP2.2 and DVI 1.0;
- Support 3D frame sequential video format up to 1080p@60;
- Support high resolution VESA mode video format up to QSXGA@60Hz;
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio;
- Supports smart auto switch fuction;
- Supports IR and Panel button control;

4x1 HDMI 18G Switcher w/Audio Extractor

HDS-B41

Introduction

The 4x1 HDMI 18G Switcher can switch any one of 4 HDMI sources to an HDMI display. It supports 10bits HDR (High Dynamic Range) pass through and HDMI high resolution digital audio bypass as well as HDCP and CEC bypass. It can also extract HDMI audio to L/R analog output (LPCM only).

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:4:4) 18Gbps
- Built-in retiming and cable driver
- Extracts HDMI audio to L/R analog output (LPCM only)
- Audio sample rates up to 192kHz
- 10bits HDR (High Dynamic Range) pass through
- Supports CEC and HDCP bypass

4x1 HDMI 18G Switcher w/Audio Extractor and ARC

HDS-B41A

Introduction

The 4x1 HDMI 18G switcher can switch any one of 4 HDMI sources to an HDMI display. It also can extract HDMI audio to digital and analog audio output. This product supports HDCP repeater/CEC/ARC functions.There are auto and manual switching modes can be chosen.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:4:4) 18Gbps
  Multi-channel optical (SPDIF) and L/R analog audio output 10bits HDR (High Dynamic Range) pass through
  Support smart EDID management(Auto/2CH/5.1CH/7.1CH)
  Auto and manual switching modes
  Audio Return Channel (ARC) supported

4x1 HDMI 18Gbps Switcher with 2x50W Audio Amplifier(Class-D)

HDS-B41PA100

Introduction

4x1 HDMI 18Gbps switcher allows 4 HDMI sources to be routed to a HDMI display, it also built-in a 2x50W Class-D audio amplifier. ARC function supports as well.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- Supports video format up to 4K2K@60Hz YCBCR 4:4:4
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Built-in 2x50W audio amplifier (Class-D)
- Supports audio volume adjusting,Supports audio 3D DSP
- Flexible control through on-panel buttons and IR

5x1 HDMI 2.0 18Gbps Presentation Switcher

HDS-B51PS

Introduction

The Multi-inputs with HDMI output scaler box supports 5 inputs of 4xHDMI and 1xVGA(YPbPr,CVBS). The input source is capable to switch and scale to adopt resolution then transmit over HDMI output. The HDTV resolution is achievable. The system could be controlled and configure by easily operation of panel button, IR remote and RS-232.

Features

- Compliant with HDMI2.0/1.4b, HDCP2.2/1.4;
- Support multi inputs: 4 x HDMI, 1 x VGA (YPbPr, CVBS);
- Support HDMI input resolutions up to 4K UHD 4:4:4 @50/60;
- Support output resolutions up to 4K UHD 4:4:4 @60;
- Support pass-through of PCM 2CH;
- Support USB online software upgrading;

HDMI 4x1Quad Multi-Viewer

HDS-841MV

Introduction

The high performance 4x1 quad multi-viewer supports four high definition input contents be displayed on one screen simultaneously, and five multi-viewer display modes can be selected. The product can be controlled via the front panel button, remote control and RS-232.

Features

- HDMI 1.4b, HDCP 1.4 and DVI compliant
- Video resolutions up to 1080P@60Hz
- Audio supports LPCM 2/5.1/7.1CH, Dolby 5.1CH, Dolby True HD, DTS-HD
- Quad multi-viewer with five display modes supported
- Audio output can be selected come from any one of input sources
- Button, IR remote, RS-232 control

1X2 HDMI 1.4 Splitter with EDID

HDV-9812

Introduction

1×2 HDMI Splitter distributes 1 HDMI source to 2 HDMI displays simultaneously. It offers HD video solution for super market, shopping Mall, HDTV/STB/DVD/ Projector/DVR factory, data control center, information distribution, conference room presentation, education and training, corporation showroom, luxurious house, etc.

Features

- 1 HDMI input signal split to 2 HDMI sink devices.
- 3D video support including frame packing for all 3D formats up to a 297MHz TMDS clock.
- Support display resolutions up to 4K x 2K@30Hz,
- 1080P@120Hz,and 1080P 3D@60Hz
- Support deep color 30bit, 36bit, 48bit per pixel.
- Digital audio format, as DTS-HD/Dolby-true-HD/LPCM 7.1/DTS/Dolby-AC3/DSD.

1X4 HDMI 1.4 Splitter with EDID

HDV-9814

Introduction

1×4 HDMI splitter distributes1 HDMI source to 4 HDMI displays simultaneously. It offers HD video solution for super market, shopping Mall, HDTV/STB/DVD/Projector /DVR factory, data control center, information distribution, conference room presentation, education and training, corporation showroom, luxurious house, etc.

Features

- 1 HDMI input signal split to 4 HDMI sink devices.
- 3D video support including Frame packing for all 3D formats up to a 297MHz TMDS clock.
- Support display resolutions up to 4K x 2K@30Hz,1080P@120Hz,and 1080P 3D@60Hz.
- Support deep color 30bit, 36bit, 48bit per pixel.
- Digital audio format, as DTS-HD/Dolby-true-HD/LPCM 7.1/DTS/Dolby-AC3/DSD.

1x8 HDMI 1.4 Splitter with EDID

HDV-9818

Introduction

1×8 HDMI splitter distributes1 HDMI source to 8 HDMI displays simultaneously. It offers HD video solution for super market, shopping Mall, HDTV/STB/DVD/ Projector /DVR factory, data control center,information distribution, conference room presentation, education and training, corporation showroom, luxurious house, etc.

Features

- 1 HDMI input signal split to 8 HDMI sink devices.
- 3D video support including Frame packing for all 3D formats up to a 297MHz TMDS clock.
- Support display resolutions up to 4K x 2K@30Hz,1080P@120Hz,and 1080P 3D@60Hz.
- Support deep color 30bit, 36bit, 48bit per pixel.
- Digital audio format, as DTS–HD/Dolby–true–HD/LPCM 7.1/DTS/Dolby–AC3/DSD.

1X16 HDMI 2.0 Splitter with EDID

HDV-A116

Introduction

This product is a high performance 1X16 splitter. It supports 4Kx2K signal input and split to 16 HDMI ports. The splitter support EDID control, so that can force the source output definitions you want.

Features

- Split 1 HDMI input signal to 16 HDMI sink devices.
- Definition resolution supports up to 4K*2K@30Hz@8bit(YCbCr4:4:4)；4K*2K@60Hz@8bit (YCbCr4:2:0)
- Support digital audio format, DTS–HD/Dolby–True HD /LPCM7.1/AC3/DTS/DSD
- Support EDID selector.

1x2 HDMI 18G Splitter

HDV-B12IH

Introduction

The 1x2 HDMI 18G Splitter is an advanced solution for splitting a HDMI signal to two HDMI displays. It provides high performance audio and video output through HDMI cables up to 4K2K@60Hz(4:4:4).

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:4:4) 18Gbps
  Supports all HDMI audio formats
  Built–in retiming and cable driver
  'STD'(1080p/2CH internal EDID) and 'TV'(Copy out1) EDID settings can be chosen
  Compact design for an easy and flexible installation

1x4 HDMI 18G Splitter

HDV-B14IH

Introduction

The 1x4 HDMI 18G Splitter is an advanced solution for splitting a HDMI signal to four HDMI displays. It provides high performance audio and video output through HDMI cables up to 4K2K@60Hz(4:4:4).

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:4:4) 18Gbps
  Supports all HDMI audio formats
  Built–in retiming and cable driver
  'STD'(1080p/2CH internal EDID) and 'TV'(Copy out1) EDID settings can be chosen
  Compact design for an easy and flexible installation

1x8 HDMI 18G Splitter

HDV-B18IH

Introduction

The 1x8 HDMI 18G Splitter is an advanced solution for splitting a HDMI signal to eight HDMI displays. It provides high performance audio and video output through HDMI cables up to 4K2K@60Hz(4:4:4).

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:4:4) 18Gbps
  Supports all HDMI audio formats
  Built–in retiming and cable driver
  'STD'(1080p/2CH internal EDID) and 'TV'(Copy out1) EDID settings can be chosen
  Compact design for an easy and flexible installation

HDMI Splitter 1x4 Over CAT5E/CAT6 50m

HDV-814S50S

Introduction

The Splitter is a product for splitting and extending your HDMI signal over long distances to a compatible display. It isdesigned to convert the HDMI signal and transmit by Internet cable. The splitter supports resolutions up to 1080p@60Hz, and supports smart EDID management.

Features

- Compliant with HDMI1.3, HDCP 1.2 and DVI 1.0.
- Full HD support: 1080p@60Hz@24 bit/pixels.
- Supports LPCM 7.1CH, Dolby True HD, and DTS–HD Master Audio.
- Operates for TMDS clock frequencies up to 148.5MHz.
- Use single UTP LAN cable (CAT5E/6) to substitute HDMI cable to
- UTP cable termination follows the standard of IEEE–568B.

HDMI Splitter 1x8 Over CAT5E/CAT6 50m

HDV-818S50S

Introduction

The Splitter is a product for splitting and extending your HDMI signal over long distances to a compatible display. It is designed to convert the HDMI signal and transmit by Internet cable. The splitter supports resolutions up to 1080p@60Hz, and supports smart EDID management.

Features

- Compliant with HDMI1.3, HDCP 1.2 and DVI 1.0.
- Full HD support: 1080p@60Hz@24 bit/pixels.
- Supports LPCM 7.1CH, Dolby True HD, and DTS–HD Master Audio.
- Operates for TMDS clock frequencies up to 148.5MHz.
- Use single UTP LAN cable (CAT5E/6) to substitute HDMI cable to achieve long distances transmission.
- UTP cable termination follows the standard of IEEE–568B.

1x4 HDBaseT Splitter w/HDMI Loopout (70m)

HBT-B14H70

Introduction

The 1x4 HDBaseT splitter is an advanced solution for splitting a HDMI signal to four HDBaseT outputs. It supports up to 4K2K@60Hz(4:4:4) and local HDMI loop out for cascading to next splitter device.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:4:4) 18Gbps
- Supports all HDMI audio formats
- HDBaseT up to 230ft/70m, RS–232 and two–way IR
- Local HDMI loop out for cascading usage
- 24V POC on all HDBaseT ports

6X2 HDMI 1.4 Matrix

HDM-962U

Introduction

The HDMI matrix 6*2 with 4kx2k supported which allows HDMI signal from any of its six sources to be routed to and displayed on any of its two connected HDMI displays simultaneously. It supports 3D, 3Gbps bandwidth, 12–bit Deep Color, Hi–Def lossless audio and other features defined by HDMI specifications. The management of source/sink scenarios can be operated easily through on–panel buttons, IR remote control.

Features

- Compliant with HDMI 2.0; HDCP2.2
- Support video format up to 4k2k@30Hz with 24bit RGB/YcbCR 4:4:4/YCBCR 4:2:2, and up to 4k2k@60Hz with 8bit YCBCR
- 4:2:0, 3D frame sequential video format up to 1080p@60
- Support PIP display function and ARC function.
- Audio support: HDMI 1.4 compatible audio interface Dolby TrueHD DTS–HD Master Audio 7.1CH

4x4 HDMI 1.4 Matrix

HDM-944

Introduction

HDM–944 is a 4–by–4 DVI/HDMI matrix supporting output resolution up to 4Kx2K. It allows any source to be shown on any of four displays simultaneously, no matter the source is HDCP encryption or not. Extra infrared receiver port is supplied for remote control. HDM–944 offers solutions for digital entertainment center.

Features

- Supports display resolutions up to 4K x 2K@30Hz,1080P@120Hz,and 1080P 3D@60Hz
- 3D HDMI 1.4a video format support.
- HDCP 1.4 support (INPUT), HDCP v1.4a protocol compliant (OUTPUT).
- Supports reception of any audio data conforming to the HDMI specification 1.4 such ad L–PCM at up to 192kHz,compressed audio(IEC 61937),DSD,DST,DTS and HBR.
- Operates for TMDS clock frequencies up to 300MHz.

4x4 HDMI 1.4 Matrix with IR

HDM-944IR

Introduction

This is a high performance HDMI Matrix with four HDMI inputs & four outputs. It allows any source to be shown on the any of the four displays simultaneously, and supports 4K×2K, 3D, Deep Color. With its 3Gbps bandwidth and the additional features of the latest HDMI standards you can be sure of great HDMI distribution.

Features

- 3D video support including Frame Packing for all 3D formats up to a 297MHz TMDS clock.
- HDCP 1.4 support (INPUT), HDCP v1.4a protocol compliant (OUTPUT).
- Supports reception of any audio data conforming to the HDMI specification 1.4 such ad L–PCM at up to 192kHz,compressed audio(IEC 61937),DSD,DST,DTS and HBR.
- Full colorimetry including sYCC601, Adobe RGB, Adobe YCC601,xvYCC extended gamut color.
- Operates for TMDS clock frequencies up to 300MHz.
  Supports IR Matrix, all IR Receiver

4x4 HDMI Matrix w/CAT and HDMI Mirrored Outputs

HDM-944S50C

Introduction

The 4x4 HDMI Matrix with simultaneous CAT and HDMI outputs connects four HDMI sources to eight displays. This matrix features four HDMI outputs and each HDMI output is mirrored to provide a CAT–Cable output which runs simultaneously. Connect a SINGEL UTP Receiver to each of the CAT–Cable outputs to extend the HDMI signal up to 164ft/50m for multi–room connectivity.

Features

- HDMI1.3, HDCP 1.1 and DVI1.0 compliant.
- Supports HDMI 3D pass–through.
- Supports transmission distances up to 164ft/50m through CAT5e/6/7 cable.
- Supports wideband IR(20–60Khz) matrix system, IR transport channel can be forward or backward.
- Supports RS–232, remote control, on–panel control and TCP/IP Control.
- Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS–HD Master Audio transmission.

4x4 Compact HDMI 18Gbps Matrix Switcher w/EDID Mana gement

HDM-B44C

Introduction

The 4×4 HDMI 2.0 Matrix simultaneously routes four HDMI sources to four HDMI displays. It supports the transmission of video resolution up to 4K×2K@60Hz Ultra HD YUV4:4:4 and supports high resolution digital audio formats such as LPCM 7.1CH ,Dolby TrueHD, Dolby Digital Plus and DTS–HD Master Audio.

Features

- HDMI2.0, HDCP2.2/HDCP1.4 compliant.
- Support video format up to 4k2k@60Hz with 24bit RGB/YCbCr 4:4:4/YCbCr 4:2:2, and up to 4k2k@60Hz with 12bit YCbCr4:2:0.
- Support color space conversions among RGB,YCbCr4:4:4,YCbCr4:2:2 and xvYCC video formats.
- Support all HDMI 3D formats up to 2160p@30Hz.
- Support high resolution VESA mode video format up to QSXGA@60Hz.

4x2 HDMI Matrix with Audio De-embedding

HDM-A42C

Introduction

The 4x2 HDMI Matrix Switcher simultaneously routes four HDMI sources to two HDMI displays. It supports up to 4K2K@60Hz YCBCR 4:2:0 and HDCP 2.2. Output A supports audio de–embedding to optical and analog L/R outputs. 16 different EDID configurations can meet most of use cases. Flexible control through on–panel buttons, IR control.

Features

- HDMI 1.4b, HDCP 2.2 and HDCP 1.4 compliant
- Up to 4K2K@60Hz (4:2:0) on all HDMI ports
- Supports pass–through audio up to 7.1 channels of High Definition audio (LPCM, Dolby TrueHD, and DTS–HD Master Audio)
- Out A audio de–embedding to optical and analog L/R out
- HDR, ARC, Smart EDID management
- Control is via on–panel Button and IR

4x2 HDMI 18G Matrix w/Audio De-embedding

HDM-B42A

Introduction

The 4x2 HDMI 18G Matrix simultaneously routes four HDMI sources to two HDMI displays. It supports audio de–embedding as well as supporting up to 16 different EDID configurations to meet most of use cases.

Features

- Compliant with HDMI 1.4,HDCP 1.4
- Supports video format up to 4k2k@30Hz with 24bit RGB/YcbCR 4:4:4/YCBCR 4:2:2, and up to 4k2k@60Hz with 12bit YCBCR 4:2:0.
- Deep Color support 48/36/30/24–bit
- Supports reception of any audio data conforming to the HDMI specification such PCM at up to 192kHz,compressed audio(IEC 61937),DSD,DST,DTS and HBR.
- Supports Dual ARC control

4x2 HDMI Matrix with Dual ARC

HDM-942U

Introduction

This is a high performance HDMI Matrix with four HDMI inputs & two outputs, it allows any source to be shown on the any of the two displays simultaneously, and supports 4K×2K, 3D, 12–bit Deep Color. With its 3Gbps bandwidth and the additional features of the latest HDMI standards you can be sure of great HDMI distribution. It support dual ARC and wide band IR extend fuciton also.

Features

- Compliant with HDMI 1.4,HDCP 1.4
- Supports video format up to 4k2k@30Hz with 24bit RGB/YcbCR 4:4:4/YCBCR 4:2:2, and up to 4k2k@60Hz with 12bit YCBCR 4:2:0.
- Deep Color support 48/36/30/24–bit
- Supports reception of any audio data conforming to the HDMI specification such PCM at up to192kHz,compressed audio(IEC 61937),DSD,DST,DTS and HBR.
- Supports Dual ARC control

HDMI Extender over cat6 50m

HDV-E50C

Introduction

The HDMI Extender over Single Cat5e/6 with IR extends high definition video and audio signals and IR, at a distance of up to 164ft/50m over a single Cat5e/6 cable. Features EDID management, which allows and encourages source and display "handshake" for seamless integration.With only one cost effective Cat5e/6 cable,high de inition sources with HDMI outputs can be connected to high de inition displays with HDMI inputs over long distances

Features

- Allows HDMI Audio/Video and IR signals to be transmitted over a single Cat5e/6 cable.
- Allows for cascading via additional HDMI loop out port.
- Transmission Range: Extends 1080p resolution up to 164ft/50m over a single Cat5e or Cat6 cable.
- Works with HDMI and HDCP compliant devices.
- Supports up to 1080p High De inition resolution.
- Compact design for an easy and flexible installation.

HDMI 4K30 (4:4:4) over Single CAT5e/6 Extender (50m)

HDV-AE50

Introduction

The HDMI 4K extender can extend 4K signal up to 164ft/50m over single Cat5e/6 cable without any signal loss. It also supports two-way IR to easily let you to control source or display devices.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@30Hz (4:4:4) 10.2Gbps
- Supports HDMI all audio formats
- Single CAT5e/6 cable up to 164ft/50m
- two-way IR (30KHz~60KHz)
- Compact design for an easy and flexible installation

HDMI Extender over Cat6 70m (HDBaseT)

HBT-E70S

Introduction

The cat5e/cat6 HDMI Extender is a tool which can extend your HDMI signal over 230fts/70meters to a compatible display. It is designed to convert HDMI signal to standard HD BaseT signal which can be transmitted by LAN cable.

Features

- Use single UTP LAN cable (CAT-5E/6) to substitute HDMI cable to achieve long distance transmission.
- UTP termination follows the standard of direct interconnection method.
- 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 display resolutions up to 4K x 2K@30Hz

HDMI Extender over Cat6 100m (HDBaseT)

HBT-E100U

Introduction

The cat5e/cat6 HDMI Extender is a tool which can extend your HDMI signal over 328fts/100meters to a compatible display. It is designed to convert HDMI signal to standard HD BaseT signal which can be transmitted by Internet cable. It also supports Transfer Bidirectional Infrared control signal \RS232 control signal\Internet signal together with the HDMI signal, so you can control the Source in the Sink side which is 328fts outside.

Features

- Use single UTP LAN cable (CAT-5E/6) to substitute HDMI cable to achieve long distances transmission.
- UTP cable termination follows the standard of IEEE-568A or IEEE-568B.
- Transmission distance:100 meters: 1080P @60Hz36bit; 3D1080P@30Hz36bit; 70 meters: 1080P @60Hz@48bit; 1080P @120Hz@24bit; 3D1080P@60Hz@36bit; 4K x 2K@30Hz@24bit.
- Support display resolutions up to 4K x 2K@30Hz
- Full HD support: 1080p@60Hz@48 bit/pixels, 1080p@120Hz@24 bit/pixels, 3D 1080P60Hz and 4K x 2K@30Hz@24bit

Extender

HDMI Extender over Single 100m Coaxial

HDV-C100

Introduction

The HDMI extender over 1 coaxial cable with IR control is the right way to send your HDMI signal over long distances. Instead of using expensive HDMI cables, this device lets you use your existing coaxial cables/sockets while also performing the same functions like transferring Deep Color (12 bits/color) video, all with a bandwidth up to 225MHz. And if that weren't enough, you can use your existing remote to control your device through an IR blaster.

Features

- Compliant with HDMI 1.3, HDCP 1.1 standards.
- Supports digital video formats in Deep Color Mode at up to 36 bits (12bits/color) and 48KHz LPCM Digital audio.
- Equalizes and recovers incoming TMDS data before re-transmitting it in high quality, egardless of the incoming signal quality.
- Super IR control system, IR transport channel can be forward or backward.

HDMI/USB KVM Extender Over Cat5e/6

HDV-E50NU

Introduction

The HDMI/USB KVM Extender can extend high definition HDMI and USB signals up to 164ft/50m over a single Cat5e/6 cable with zero latency. It supports HDMI 1.4b and USB 2.0 standards. Two-way POC (Power over Cable) function allows either TX or RX be powered by a single 12V@1A power supply. It's an ideal product for cyber bar and KVM extender markets

Features

- HDMI 1.4b, HDCP 1.4 and DVI compliant
- Video resolutions up to 1080p@60Hz
- HDMI audio pass through
- Zero latency and uncompressed transmission technology
- USB 2.0 Full-speed transmission and routing
- 12V POC (Power over Cable) function supported

HDBaseT 2.0 Extender w/ARC (100m)

HBT-EU100PA

Introduction

The HDBaseT extender enables transmission of video resolutions up to 4K UHD, along with HD audio, dedicated optical audio pathways, Ethernet, two-way IR, RS-232, two-way POC and ARC signals up to 330ft/100m. ARC (Audio Return Channel) function enables audio from a compatible display to be routed back from the receiver unit to the transmitter.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:2:0) 10.2Gbps
- ARC, CEC, RS-232 and two-way IR
- HDBaseT™ 2.0 over a single CAT5e/6/7 cable up to 330ft/100m
- 24V POC

HDBaseT 2.0 Extender w/USB (100m)

HBT-EU100PU

Introduction

The HDBaseT extender enables transmission of video resolutions up to 4K UHD, along with HD audio, dedicated optical audio pathways, Ethernet, two-way IR, RS-232, two-way POC, and USB data signals up to 330ft/100m. This product also allows to set USB host or device role and easy to connect any USB host, enabling a USB connection to 2 USB ports for KVM application.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:2:0) 10.2Gbps
- ARC, CEC, RS-232 and two-way IR
- HDBaseT™ 2.0 over a single CAT5e/6/7 cable up to 330ft/100m
- 24V POC

Analog to Digital Converter

HDA-2W

Introduction

The Analog to Digital Audio Converter is designed to simultaneously convert analog audio signals from L/R input to Coaxial SPDIF and Toslink Optical outputs. The digital audio output signal is a 2–channel uncompressed LPCM (Linear Pulse Code Modulation) with a sampling rate of 48 KHz. Both Optical Fiber and Coaxial cables can run up to 5 meters from the device while still providing a reliable and lossless audio signal.

Features

- Supports uncompressed 2–channel LPCM (Linear Pulse Code Modulation) digital audio signal output.
- Has an output sampling rate of 48 KHz.
- Provides electromagnetic–noise–free transmission.
- Easy to install and operate.

Digital to Analog Converter

HDA-2M

Introduction

This Digital to Analog Audio Converter is designed for either home or professional audio switching. It converts Coaxial or Toslink digital audio signals to analog L/R audio and available for connection to an external device such as an amplifier via standard RCA–style jacks. This Converter is small in size and quite easy to install.

Features

- Converts Coaxial or Toslink digital audio signals to analog L/R audio
- Supports sampling rate at 32, 44.1, 48,96 and 192 KHz.
- 24–bit S/PDIF incoming bit stream on left and right channels
- Provides electromagnetic–noise–free transmission.
- Easy to install and simple to operate.

Digital 2-Way Audio Converter

HDA-2CT

Introduction

The Digital 2–way audio converter is a Coaxial / Toslink audio converter, compact and convenient.It accepts S/PDIF audio signal input through either Coaxial cable or Toslink cable,and passes the signal (as is) to both its coaxial and Toslink output ports. With its built–in amplification feature, It can also serve as a repeater of audio signal and extend (double) the transferring distance.

Features

- Supports two–way conversion: Coaxial to Toslink or Toslink to Coaxial.
- Supports amplification of S/PDIF audio and extends the transferring distance, through coaxial and/or Toslink cables.
- Select one input from Coaxial or Toslink input ports, and send S/PDIF audio
- Signal to both Coaxial and Toslink output ports simultaneously.
- Compact size and easy to install.

Digital to Analog(RCA+Earphone) Converter

HDA-2MB

Introduction

This Digital to Analog Audio Converter is designed for either home or professional audio switching. It converts Coaxial or Toslink digital audio signals to analog L/R audio and available for connection to an external device such as an amplifier via standard RCA–style jacks. This Converter is small in size and quite easy to install.

Features

- Converts Coaxial or Toslink digital audio signals to analog L/R audio
- Supports sampling rate at 32, 44.1, 48 and 96 KHz.
- 24–bit SPDIF incoming bit stream on left and right channels
- Provides electromagnetic–noise–free transmission.
- Easy to install and simple to operate.

Audio product

HDMI to Analog Audio Converter

HDA-2HB

Introduction

This HDMI to Analog Audio Converter is designed for either home or professional audio switching. It converts digital HDMI signals to analog L/R audio and available for connection to an external device such as an amplifier via standard RCA–style jacks and an headphone via an earphone jacks. This Converter is small in size and quite easy to install.

Features

- Converts HDMI digital audio signals to analog L/R audio
- Support PCM 32K,44.1K,48K,88.2K,96K,176.4K,192KHz sample frequency audio
- Provides electromagnetic–noise–free transmission.
- Compliant with HDMI1.3.
- Easy to install and simple to operate.

DVI to VGA Converter

DV-01

Introduction

The DVI to VGA format converter converts digital DVI/RGB signal to analog PC RGB signal. It allows you to connect the DVI output from PC or Video equipments to the HD–15 VGA input of the tranditional monitors. Its high bandwith capability supports a wide range of PC and HDTV resolutions.

Features

- Connects computers with DVI–D connectors to analog VGA monitors or projectors.
- Supports up to 1600x1200 @60 for PC input and 1920x1080p@60 for HD input.
- Supports DDWG standard for DVI compliant monitors.

AV/SV to VGA Converter

HDV-200A

Introduction

It can change the interlacing signals of s–video or composite video into VGA signals non–interlacing. Let your monitor change into flicker free display. Flicker free display is good display. It also can be connected to VCD/DVD/Webcam/set–top box etc. And made your monitor be like a digital TV.

Features

- Supports PAL/NTSC/SECAM system.
- Output resolution: up to 1920X1200@60Hz.
- Picture mode selection.
- Digital comb filter, no more cross color.
- 3D motion adaptive de–interlacing.
- Standard VGA output works with all standard monitor.

BNC/SV to VGA Converter

HDV-200B

Introduction

It can change the interlacing signals of s–video or composite video into VGA signals non–interlacing. Let your monitor change into flicker free display. Flicker free display is good display. It also can be connected to VCD/DVD/Webcam/set–top box etc. And made your monitor be like a digital TV.

Features

- Supports PAL/NTSC/SECAM system.
- Output resolution: up to 1920X1200@60Hz.
- Picture mode selection.
- Digital comb filter, no more cross color.
- 3D motion adaptive de–interlacing.
- Standard VGA output works with all standard monitor.

MINI VGA to AV Converter

HDV-625

Introduction

This VGA to Video scan converter is designed to convert a variety of computer images, from 640x480 up to 1920x1080, to interlaced NTSC or PAL video. It offers a composite output format。It is ideal for use in applications like video conference, home theater, business presentation, lecturing room or viewing PC image on TV.

Features

- Automatically detects and converts the incoming PC images to NTSC, PAL.
- Support high resolution PC input up to SXGA(1920x1080@60Hz).
- Support resolution: 640x480 60 fps；800x600 60 fps , 75 fps；1024x768 60 fps, 75 fps
  1280x720 60 fps；1280x768 60 fps, 75 fps；1280x1024 60 fps, 75 fps；
  1360x768 60 fps；1400x1050 60 fps；1440x900 60 fps；
  1680x1050 60 fps；1600x1200 60 fps；1920x1080 60 fps；

MINI VGA+Audio to HDMI Converter

HDV-M619

Introduction

The VGA to HDMI is a high–definition video converter which converts analog PC RGBHV and analog audio signal to digital HDMI signal. It allows you to connect the VGA (HD–15 connector) output from the PC to the digital HDMI input of the latest HD ready plasma, LCD, LED or DLP TV. Its high bandwidth capability supports a wide range of PC and HDTV resolutions.

Features

- Hassle Free! Plug and play as you go.
- Low power, No power adapter
- HDMI is compliant with HDMI1.3.
- VGA input Supports up to 1920x1080@60Hz.

MINI VGA+Audio to HDMI 1080p Converter

HDV-M600

Introduction

The MINI VGA2HDMI 1080P Up Scaler Box is designed to upscale analog video signal from PC input source to digital HDMI output , up to 720p or 1080p. Besides video upscaling, the scaler box also converts input audio signal from L/R to digital formats, then output to HDMI combining with the video.

Features

- Scales general PC resolutions to HDMI 1080p output.
- Provides advanced signal processing with great precision, Colors, resolutions, and details.
- High quality scaling technology for progressive input resolutions,VGA input Supports up to 1920x1080@60Hz.

MINI VGA+Audio to HDMI Converter

HDV-M330

Introduction

The Mini VGA to HDMI converter can convert analog PC (RGBHV) and audio signal to digital HDMI format. It can connect the analog HD–15 VGA output from PC to the digital HDMI input of the latest HD ready plasma, LCD or DLP TV. Its high bandwidth capability supports a wide range of PC and HDTV resolutions.

Features

- Video and audio in full digital HDMI format, no transmission loss!
- Supports standard VESA VGA timing output .HDMI output support up to 1920x1200@60Hz.
- Provides advanced signal and processing with great precision colors.
- No need external power adapter (supporting VGA port and internal power supply) No need drive software, plug and play

VGA to HDMI 4K Converter

HDV-9330

Introduction

The VGA to HDMI 4Kx2K Scaler Converter is a universal converter for analog VGA input to HDMI 4Kx2K@60Hz output. The analog to digital conversion in this module employs 10 bits maximal 297MSPS sampling, black/white level expansion, color transition improvement, dynamic range expansion, blue stretch , auto–detect and auto–convert the VGA signal to HDMI output. Making video come alive, delivering the sharpest, most realistic HD visuals available.

Features

- No need to install drivers, portable, flexible, plug and play.
- Provide advanced signal processing with great precision, colors, resolutions, and details.
- Support multi–VESA Standard VGA formats input.
- Support HDMI 4Kx2K@60Hz, 4Kx2K@30Hz,1080p@60Hz or 720p@60Hz output.

MINI HDMI to VGA+Audio Converter

HDV-M630

Introduction

The MINI HDMI2VGA is a high–definition video converter which converts HDMI digital signal to VGA analog signal and analog audio signal. HDMI signals connection PS3, XBO X360, Blue–ray DVD, HD set–top boxes, CRT / LED Display etc; You can easily watch HD Video on the normal TV without HDMI Interface.

Features

- No need to install drivers, portable, flexible, plug and play.
- Low power, No need Power Supply.
- Compliant with HDMI 1.3，HDCP 1.4
- High bandwidth capability supports 1920x1080@60Hz

MHL+HDMI to VGA Scaler Converter

HDV-337A

Introduction

The MHL+HDMI to VGA sclaer converter which can convert mobile MHL or HDMI digital video audio signal to analog VGA signal and the FL / FR stereo audio signal, while support DVI system sideline signals. Help users convert the high quality of digital signal to analog signal.So that can play on CRT/LCD/LED monitor,HDTV or projector.

Features

- No need to install drivers, portable, flexible, plug and play.
- High quality scaling technology for input resolutions .
- Multiple output resolution set in OSD menu.
- Compliant with HDMI1.3,DVI1.0,MHL2.0 Standard.
- Share your photos, music and movies with your family and friends on the TV.

Video Converter

MHL+HDMI to VGA Scaler Converter

HDV-339

Introduction

The HDMI to DVI is a high–definition video converter which convert HDMI digital signal to DVI–D digital signal and (analog or digital) audio signal. When HDMI signals from PS3, XBOX360, Blu–ray DVD, HD set–top boxes, CRT / LED Display ect, you can easily watch HD Video on the normal TV which has no HDMI Interface.

Features

- No need to install drivers, portable, flexible, plug and play.
- The HDMI is compliant with HDMI1.3.
- High bandwidth capability support 1920x1080@60Hz.

MINI HDMI to AV Converter

HDV-M610

Introduction

The MINI HDMI to AV signal converter which will convert HDM video signal or audio signal to AV (CVBS) composite video signal and the FL / FR stereo audio signals, while support DVI system sideline signals. To help users convert the high quality of the HDMI video signal into normal CVBS signal (standard–definition 480i, 576i,).So that can play on TV, VHS VCR, DVD recorders, etc and support NTSC and PAL two TV format.

Features

- No need to install drivers, portable, flexible, plug and play.
- Low power consumption , No power adaptor.
- Support NTSC and PAL two standard TV formats output
- Compatible with HDMI1.3

HDMI to CVBS+HDMI Converter

HDV-10II

Introduction

HDMI to CVBS signal converter which will convert HDM video signal or audio signal to AV (CVBS) composite video signal and the FL / FR stereo audio signals, and HDMI signals; while support DVI system sideline signals. Help users convert the high quality of the HDMI video signal into normal CVBS signal (standard–definition 480i, 576i,).So that can play on TV, VHS VCR, DVD recorders, etc. Support NTSC and PAL two TV format.

Features

- Support NTSC and PAL two standard TV formats
- HDMI input: 480P, 576P, 720P, 1080I, 1080P @ 60Hz
- Compatible with DVI mode 800x600,1024x768,1280x720,1280x102，1920x1080/@60hz
- Support the HDCP protocol, support for HDMI 1.3
- Compatible with DVI mode 800x600,1024x768,1280x720,1280x102，1920x1080/@60hz

4Kx2K HDMI to AV Converter

HDV-960

Introduction

The 4Kx2K HDMI to AV converter which will convert digital HDMI video and audio signal to composite video signal and the FL / FR stereo audio signal, while support DVI system sideline signals. Help users convert the high quality of the HDMI signal to normal CVBS (standard–definition 480i, 576i,) and analog audio output.So that can play on CRT TV, VHS VCR, DVD recorders, etc.

Features

- No need to install drivers, portable, flexible, plug and play.
- High quality scaling technology for input resolutions .
- Support NTSC and PAL two standard TV formats output.
- Compatible with HDMI1.4
- Support HDMI input resolution up to 4Kx2k@30Hz.

Video Converter

MINI AV to HDMI 1080P Converter

HDV-M615

Introduction

The MINI AV2HDMI converter is a universal converter for analog composite input to HDMI 1080p (60HZ) output. The analog to digital conversion in this module employs 10 bits maximal 162MSPS sampling, black/white level expansion, color transition improvement, dynamic range expansion, blue stretch , auto–detect and auto–convert the composite signal to 1080p(60HZ) output. Making video come alive, delivering the sharpest, most realistic HD visuals available.

Features

- No need to install drivers, portable, flexible, plug and play.
- Provide advanced signal processing with great precision, colors, resolutions, and details;
- Support PAL, NTSC3.58, NTSC4.43, SECAM, PAL/M, PAL/N standard TV formats input.
- Support HDMI 1080p or 720p output.

AV+HDMI to HDMI Converter

HDV-8A

Introduction

AV+HDMI TO HDMI converter can convert 480I(NTSC)/576I(PAL) format signal to 720P/1080P HDMI signal output, also it can connect the high definition HDMI input interface, Easy connect the DVD, set–top box, HD player, Game Console (PS2,PS3,PSP,WII,XBOX360 etc).

Features

- Using 3D compensation technology.
- Adopting DCDI processing Technology
- Adopting Scaler video processing technology
- Adopting I2S technology
- Adopting audio and video decoding technology
- Adopting HDCP treaty processing technology

AV to HDMI Converter

HDV-9615

Introduction

The AV/SV to HDMI 4Kx2K Scaler Converter is a universal converter for analog composite input to HDMI 4Kx2K@60Hz output. The analog to digital conversion in this module employs 10 bits maximal 297MSPS sampling, black/white level expansion, color transition improvement, dynamic range expansion, blue stretch , auto–detect and auto–convert the composite signal to HDMI output. Making video come alive, delivering the sharpest, most realistic HD visuals available.

Features

- No need to install drivers, portable, flexible, plug and play.
- Provide advanced signal processing with great precision, colors, resolutions, and details.
- Support PAL,NTSC3.58,NTSC4.43,SECAM,PAL/M,PAL/N standard TV formats input.
- Support HDMI 4Kx2K@60Hz, 4Kx2K@30Hz,1080p@60Hz or 720p@60Hz output.

SCART+HDMI to HDMI Converter

HDV-8S

Introduction

SCART +HDMI to HDMI converter can convert 480I(NTSC)/576I(PAL) format signal to 720P/1080P HDMI signal output, also it can connect with the high definition HDMI input interface, Easily connect with the DVD, set–top box, HD player, Game Console (PS2，PS3，PSP,WII, XBOX360 etc).

Features

- HDMI output interface: connect with high definition TV or high definition projector
- HDMI output format:720P@50/60Hz, 1080P@50/60HZ
- Audio output format: Digital coaxial audio, analog stereo audio
- HDMI input format: 480I/576I/480P/576P/720P@50_60Hz/1080I@50_60Hz/1080P@50_60Hz
- Compatible with several DVI format: 800X600、1024X768,1280X1024、1360X768, 1680X1050、1920X1080 etc.

Video Converter

Scart to HDMI

HDV-8D

Introduction

This scaler Box is designed to display your analog video/YC//RGB images on HDTV's with better viewing resolutions. It can upscale any SCART input source to HDMI output with a wide–range of resolutions. Incredibly, this device can also transfer sounds allowing everyone to enjoy both HD images and sounds.

Features

- Scales up SCART to HDTV resolution up to1080p;
- Support input video systems NTSC/PAL/SECAM;
- Digital Noise Reduction Minimizes picture noise, reproducing images that are true to the original;
- MPEG Noise Reduction Reduce mosquito noise for MPEG video images without losing detail;
- 3D (frame based) motion adaptive noise reduction

All to HDMI Converter with USB Upscaler 4K Multimedia Player

HDV-P332

Introduction

ALL TO HDMI 4K CONVERTER BOX converts CVBS, YPbPr, VGA, HDMI and USB media to 720p and 1080p high definition 4k HDMI output. Respective stereo audio input is achieved for CVBS, YPbPr and VGA. Converter Box makes it convenient to connect such as DVD player, game player, Set–top box, PC and USB device etc. video sources. All inputs will be converted to high definition output. Excellent picture quality provided by the integrated noise reduction, advanced color process engine, dynamic luminance control, gamma control and 3D video decoder features.

Features

- 1280x1024，720p，1080p and 4K HDMI output
- PAL, NTSC and SECAM color systems supported
- Auto Detect function (except USB)
- Soft, Standard, Bright and Personal 4 preset picture modes
- Picture mode setting saved for respective source
- Geometry control for VGA input with auto tune function

HDMI to HDMI 4K Converter

HDV-9H20

Introduction

The HDMI to HDMI 4Kx2K Scaler Converter is a universal converter for HDMI input to HDMI 4Kx2K@60Hz output. The scaler up/down conversion in this module employs black/white level expansion, color transition improvement, dynamic range expansion, blue stretch , auto–detect and auto–convert HDMI to HDMI output.

Features

- No need to install drivers, portable, flexible, plug and play.
- Provide advanced signal processing with great precision, colors, resolutions, and details.
- Support scaler up, scaler down digital signal porcess.
- Support multi– HDMI input formats.
- Support HDMI 4Kx2K@60Hz, 4Kx2K@30Hz,1080p@60Hz or 720p@60Hz output.

PS2 to HDMI Adapter

G300

Introduction

A converter for the PS2 console, outputs video and audio in full digital HDMI format and supports PS2 display modes (480i, 576i, 480p). With just one HDMI cable, plug and play for true–to–life video/audio effects on your TV/monitor.

Features

- Video and audio in full digital HDMI format, no transmission loss
- Works with HDTV or HDMI monitor
- Hassle Free! Plug and play as you go
- Supports all PS2 display modes
- No power adaptor, no messy cords—just one HDMI cable

Video Converter

HDMI Recorder

HDV-UH50

Introduction

The HDMI Video Capture employs HDMI™ technology to receive video and audio from HDMI input. It can store the video directly into a portable USB hard drive disk or a high–speed pen drive. It uses H.264 AVCHD M2TS format, which guarantees ef2icient compression and timely delivery. Recorded video can be played back on any media player, Blu–Ray Disc player or PC/NB that supports AVCHD M2TS 2ile format.

Features

- It doesn't need to install a driver, and it is truly PnP;
- Support recorder video and capture photo to USB storage device;
- Support playback video and photo from the usb storage device;
- The HDMI Video Capture formats using the FAT32 2ile system format;
- It can automatically detect the input video formats and it will adjust to the set output size and frame rate automatically;
- Fit for recording HDMI videos without computer, its resolution can up to 1080P60;

HDMI to USB3.0 Video Capture Dongle

HDV-UH60

Introduction

HDMI to USB3.0 Video Capture Dongle. It can capture one HDMI 1080p60 input and output signal; compatible with Windows, Linux, Mac OS X and USB 3.0 interface, Compatible with many USB 3.0 chipset, compatible with PCIe Gen1.1 x1 expansion via USB 3.0interface; The HDMI video capture meets UVC and UAC standard, without having to install drivers and settings, the real PnP, easy to use.

Features

- USB3.0, 300–350MB/s throughput and it is compatible with USB 2.0
- The process of video and audio is done by the dongle and will not occupy the CPU.
- It can capture one single channel HD HDMI video signals.
- It can automatically detect the input video formats and it will adjust to the set output size and frame rate automatically.
- It is compatible with UVC video capture and YUV 422 video output.

3G SDI to HDMI Converter with SDI loopout

HDV-S001

Introduction

The SDI to HDMI converter allows SD–SDI, HD–SDI and 3G–SDI signals to be shown on HDMI/SDI displays while ensuring high bit rates of 2.970 Gbit/s to give you fast signal transmission without any loss.Furthermore, Design based on the loop–through 3G–SDI , users are able to enjoy both SDI and HDMI displays at the same time.

Features

- Support SMPTE 425M (Level A and Level B), SMPTE 424M, SMPTE 292M, SMPTE 259M–C
- Equalized and re–clocked loop output Integrated audio de–embedder for a maximum of 8 channel, 48 kHz audio
- Conversion from SMPTE 425M level B to Level A 1080p 50/59.94/60 4:2:2 10–bit
- Display with SDI and HDMI signals simultaneously .
- Support signal transmission distances of up to 300M for SD–SDI signals, 200M for HD–SDI signals and 100M for 3G–SDI signals

HDMI to 3G SDI Converter with Dual output

HDV-S002

Introduction

The HDMI to 3G SDI converter allows HDMI signals to be shown on SDI displays while ensuring high bit rates of 2.970 Gbit/s to give you high resolution signal without any data loss. For professionals this means it is easier to convert your high definition HDMI signal with audio to 3G SDI for long distance transmission and show content on two 3G SDI displays.

Features

- Support HDMI timing format: 480i, 576i, 720p50/60,1080p 24/25/30, 1080i 50/60,1080p 50/60;
- Operation at 2.970Gbps, 2.970/1.001Gbps,1.485Gbps,1.485/1.001Gbps and 270Mbps;
- Support Integrated audio embedded up to 8CH PCM 48kHz for HDMI ;
- Auto video mode detection (3G/SD/HD);
- Supports signal transmission distances up to 300M for SD–SDI signals,200M for HD–SDI signals and 100M for 3G–SDI signals;

3G SDI to VGA+SDI Scaler Converter

HDV-S006

Introduction

The SDI to VGA scaler converter allows SD–SDI, HD–SDI and 3G–SDI signals to be shown on VGA displays while ensuring high bit rates of 2.970 Gbit/s to give you fast signal transmission without any loss. Furthermore, thanks to the loop–through 3G–SDI design, users are able to enjoy both SDI and VGA at the same time.

Features

- Operation at 2.970Gbit/s, 2.970/1.001Gbit/s, 1.485Gbit/s, 1.485/1.001Gbit/s and 270Mbits/s
- Equalized and re–clocked loop output
- Conversion from SMPTE 425M level B to Level A 1080p 50/59.94/60 4:2:2 10–bit
- Connect with other units to extend your signal over long distances
- Simultaneous display with SDI /VGA signals
- Supports signal transmission distances of up to 300M for SD signals, 200M for
- HD signals and 100M for 3G signals.

3G SDI to AV Scaler Converter

HDV-S007

Introduction

The SDI to AV scaler converter allows SD–SDI, HD–SDI and 3G–SDI signals to be shown on CRT or HDTV while ensuring high bit rates of 2.970 Gbit/s to give you fast signal transmission without any loss.Furthermore, thanks to the loop–through 3G–SDI design, users are able to enjoy both SDI and AV at the same time.

Features

- Operation at 2.970Gbit/s, 2.970/1.001Gbit/s, 1.485Gbit/s, 1.485/1.001Gbit/s and 270Mbits/s
- Auto video mode detection (3G/HD/SD)
- Conversion from SMPTE 425M level B to Level A 1080p 50/59.94/60 4:2:2 10–bit
- Connect with other units to extend your signal over long distances
- Supports signal transmission distances of up to 300M for SD signals, 200M for HD signals and 100M for 3G signals

MINI 3G SDI to HDMI Converter

HDV-S008

Introduction

The MINI SDI to HDMI converter allows SD–SDI, HD–SDI and 3G–SDI signals to be shown on HDMI displays while ensuring high bit rates of 2.970 Gbit/s to give you fast signal transmission without any loss. For professionals this means that it is now easier to distribute and extend your 3G SDI signal while giving you the ability to display your work on HDMI displays thanks to the built in HDMI converter.

Features

- Operation at 2.970Gbit/s, 1.485Gbit/s and 270Mbits/s
- Supports SMPTE 425M, SMPTE 424M, SMPTE 292M, SMPTE 259M–C
- Equalized and re–clocked loop output Integrated audio de–embedder for a maximum of 8 channel, 48 kHz audio
- Conversion from SMPTE 425M level B to Level A 1080p 50/59.94/60 4:2:2 10–bit
- Connect with other units to extend your signal over long distances

MINI HDMI to 3G SDI Converter

HDV-S009

Introduction

The MINI HDMI to SDI Converter allows HDMI signals to be shown on SDI display while ensuring high bit rates of 2.970 Gbit/s to give you high resolution signal without any loss. For professionals this means that it is now easier to convert your high def HDMI signal with audio to SDI for long distance transmission and display your work on SDI display.

Features

- Supports HDMI input timings: 480i@59.94, 576i, 720p@50/59.94/60, 1080i@50/59.94/60, 1080p @23.98/24/25/29. 97/30/50/59.94/60.
- Converts HDMI signal to SDI:
  480i/576i to SD–SDI (SMPTE 259M–C, at bitrates of 270 Mbit/s)
  720p/1080i to HD–SDI (SMPTE 292M, at bitrates of 1.485 Gbit/s or 1.485/1.001 Gbit/s)
  1080p to 3G–SDI (SMPTE 424M/425M–AB, at bitrates of 2.970 Gbit/s and 2.970/1.001Gbit/s)
- Supports SDI output distance up to 100 meters (3G–SDI), 200 meters (HD–SDI), or 300 meters (SD–SDI)

3G/HD/SD-SDI Splitter 1x2

HDV-S12

Introduction

1×2 SDI splitter distributes allows 1 SDI, HD–SDI or 3G–SDI video source to 2 SDI/HD–SDI/3G–SDI displays simultaneously. This product built–in automatic identification and compatible with SD–SDI, HD–SDI, 3G–SDI all format of SDI signal. It is the support 2.97Gbps bandwidth, and supports lossless transmission over long distances.

Features

- SDI input signal split to 2 SDI sink devices.
- Supports SD–SDI(270Mb/s), HD–SDI(1.485Gb/s), 3G–SDI(2.97Gb/s) video format.
- Built–in cable equilibrium, clock recovery and drive.
- Supports resolutions up to 1920x1080@60Hz.
- Supports signal input and output distances of up to 300m for SD signals, 200m for HD signals and 100m for 3G signals.
- Supports 5–12V wide voltage input.

3G/HD/SD-SDI Splitter 1x4

HDV-S14

Introduction

1×4 SDI splitter distributes allows 1 SDI, HD–SDI or 3G–SDI video source to 4 SDI/HD–SDI/3G–SDI displays simultaneously. This product built–in automatic identification and compatible with SD–SDI, HD–SDI, 3G–SDI all format of SDI signal. It is the support 2.97Gbps bandwidth, and supports lossless transmission over long distances.

Features

- 1 SDI input signal split to 4 SDI sink devices.
- Supports SD–SDI(270Mb/s), HD–SDI(1.485Gb/s), 3G–SDI(2.97Gb/s) video format.
- Built–in cable equilibrium, clock recovery and drive.
- Supports resolutions up to 1920x1080@60Hz.
- Supports signal input and output distances of up to 300m for SD signals, 200m for HD signals and 100m for 3G signals.
- Supports 5–12V wide voltage input.

SDI Seamless Switcher 4x1

HDV-S4ISL

Introduction

SDI switcher is a high–performance with seamless switching, it can be four input SDI/HD–SDI/3G–SDI serial digital video signal source, after scaling into HD–SDI or 3G–SDI serial digital video signal seamless switch to the on HD display device. This product built–in automatic identification and compatible with SD–SDI, HD–SDI, 3G–SDI all format of SDI signal. It is the support 2.97Gbps bandwidth, and supports lossless transmission over long distances.

Features

- 4 SDI input signal switch to 1 SDI sink devices.
- Support seamless switching
- Supports inputs SD–SDI(270Mb/s), HD–SDI(1.485Gb/s), 3G–SDI(2.97Gb/s) video format.
- Built–in cable equilibrium, clock recovery and drive.
- Supports outputs resolutions: 1080p@60Hz (3G) and 720p@60Hz (HD).
- Supports signal input and output distances of up to 300m for SD signals, 200m for HD signals and 100m for 3G signals

All to SDI Scaler Converter

HDV-SA01

Introduction

The ALL to SDI Scaler Converter allows you to upscale Composite,VGA,DVI,HDMI signals to high de inition video of SDI formats (HD–SDI SMPTE 292M or 3G–SDI 424M/425M), then output to both ports at the same time.

Features

- Supports HDMI, DVI, VGA and Composite Video input signals;
- Supports SDI output distance up to 100 meters (3G–SDI), or 200 meters (HD–SDI);
- Scales any input signal to the HD–SDI or 3G–SDI output signals;
- Supports Composite Video input timings NTSC, PAL,SECAM;
- Supports Black screen signal output;
- Support HDMI/DVI/VGA/ CVBS Input Hot Plug automatic detection.

SDI to All Scaler Converter

HDV-SA02

Introduction

The SDI to ALL Scaler Converter allows SD, HD and 3G–SDI signals to be shown on HDMI/DVI/VGA/Composite port display. This means that it is now easier for professionals to distribute and extend their SDI signal while giving the ability to display work on these display. its users by letting them simultaneous show content on both SDI and HDMI/DVI/VGA/Composite port displays

Features

- Supports SD–SDI, HD–SDI and 3G–SDI input signals with auto–detection;
- Supports HDMI/DVI/VGA/Composite and SDI (bypass) output simultaneously;
- SDI interface operates at bitrates of 2.970 Gbit/s, 2.970/1.001 Gbit/s,1.485 Gbit/s, 1.485/1.001 Gbit/s and 270 Mb/s;
- Supports SDI input/output distance up to 100 meters (3G–SDI), 200 meters (HD–SDI), or 300 meters (SD–SDI);
- Supports Black screen signal output;
- Equalized and re–clocked loop output;
- Alternative audio output to analog 2CH;

DisplayPort Splitter 1x2

HDV-DP12

Introduction

1x2 Splitter for DisplayPort allows a DisplayPortequipped source to be connected to two DisplayPort displays .It supports resolutions up to 4K2K@60Hz, is HDTV compatible, and HDCP compliant.The product is a VESA DP Standard Ver. 1.2a compliant device that supports advanced features such as MST, HBR2, 3D formats and GTC assist.

Features

- Supports audio 7.1 Ch up to 192 kHz sample rate.
- Supports pixel component format with RGB/YCbCr 422/YCbCr 444.
- Compliant to VESA DisplayPort Standard 1.62, 2.7 and 5.4Gbps link rates.
- Full link training supports for 1, 2, or 4 lanes.
- HDMI link rate: 3.2 Gbps data pair max
- Supports Multi Stream Transport (MST)

DisplayPort Switcher 2x1

HDS-DP21

Introduction

2x1 DisplayPort switcher easily allows you to share a single DisplayPort display with a Blu–ray player, HDDVD, Xbox, PS3, satellite receiver, etc.) from your device inputs to one output device (monitor, projector, or TV). It supports resolutions up to 4K2K@60Hz, is HDTV compatible, and HDCP compliant.

Features

- Supports DisplayPort specification V1.2.
- Maximum bit rate: up to 21.6Gbps(5.4Gbps per lane).
- Supports resolution up to 4K2K@60Hz.
- Supports pixel component format with RGB/YCbCr 422/YCbCr 444.
- Compliant to VESA DisplayPort Standard 1.62, 2.7 and 5.4Gbps link rates.
- Full link training supports for 1, 2, or 4 lanes.

Mini Wireless HDMI 60G Extender

HDV–W501

Introduction

The Mini Wireless HDMI 60G Extender includes a Mini transmitter dongle and a receiver kit. It can send high definition video & audio signal to an HDMI display device with Wireless HD receiver up to 10 meters with uncompressed signal and nearly zero latency. It supports resolutions up to 1080p Full HD, as well as 3D, CEC and 7.1–channels of High Bit Rate (HBR) lossless digital audio such as Dolby TrueHD, DTS–HD Master Audio.

Features

- HDMI 1.4b (10.2Gbps), HDCP 1.4 and DVI compliant
- Video resolutions up to 1080P@50/60Hz (YUV444)
- Uncompressed High Definition Video & Audio from source to display
- Near zero latency
- Wireless extension up to 10 meters
- Support CEC bypass

WIHD 60G HD Transceiver

HDV–W551

Introduction

Wireless 60G HD Transceiver include Transmitter and Receiver, it extender system sends high de&inition video and audio to any HDTV display up to 30 meters. It supports resolutions up to 1080p Full HD, 3DTV, CEC, and 7.1–channels of High Bit Rate (HBR) lossless digital audio such as Dolby TrueHD, DTS–HD Master Audio.

Features

- WiHD 1.1 Compliant
- Compliant with HDMI1.4,HDCP2.0
- Supports Dolby TrueHD, DTS–HD Master Audio and LPCM digital audio streams up to 7.1channels
- Uncompressed High De&inition A/V from source to display
- Near zero latency
- Wireless extension of HDMI up to 30 meters

HDMI 4K over 60G Wireless (30m)

HDV-W561

Introduction

The 4K over 60G extender can transmit an 4K content without any compression and latency to an HDMI display up to 30 meters. It also supports 3D, CEC and 7.1–channels of High Bit Rate (HBR) lossless digital audio such as Dolby TrueHD, DTS–HD Master Audio. The Wireless HD is specifically designed to transmit high definition video & audio within one room.

Features

- HDMI 1.4b, HDCP 2.2 compliant
- up to 4K@30Hz, 1080P@60Hz
- up to 7.1 channels HD audio
- uncompressed HD Video & Audio
- near zero latency
- wireless extension up to 30 meters
- Simply plug–and–play for easy connection

HDMI over WIFI w/USB (50m)

HDV-W881

Introduction

The HDMI over wireless kit extends HD video and audio to any HDTV displays up to 50 meters away. It supports up to 4 displays to show synchronously one source content. The extender transmits the vivid real time video signal with very low latency through walls and floors, allowing the display of an HDTV in other rooms of the house, such as bedroom, living room, or kitchen.

Features

- HDMI 1.4b, HDCP 1.4 compliant
- up to 1080P@60Hz, 2CH LPCM audio
- HDMI loop out
- Low latency < 50msec
- Effective range: 50 meters, 4 brick walls, multiple floors
- Supports Point–to–Point and Multicast(max up to 4 RX)
- One–way IR from RX to TX (20K~60KHz)
- USB HID transmission from RX to TX

60G Wireless HDMI Presentation Switcher with PIP/POP

HDV-W552P

Introduction

The 60G Wireless HDMI presentation switcher can transmit wirelessly two HD contents from two HDMI source devices to an HDMI display device up to 30 meters. There are 4 different display modes can be selected easily by the buttons on the transmitter including Show-me/PIP/POP. It supports resolutions up to 1080p Full HD.

Features

- HDMI 1.4b, HDCP 1.4 compliant，Support CEC
- one source display, PIP, POP
- uncompressed HD Video & Audio
- near zero latency
- wireless extension up to 30 meters
- Simply plug-and-play for easy connection

HDMI over Wireless 50m Extender

HDV-E4100W

Introduction

The HDMI over wireless kit extends high-definition video and audio to any HDTV displays up to 50 meters away. It supports up to 4 displays to show one source content synchronously and resolutions up to 1080p.

Features

- Digital 2.4G & 5GHz dual frequency wireless A/V transmission;
- HDMI 1.4b, HDCP 1.4 compliant;
- Full HD 1080p transmits up to 50 meters wirelessly in open space;
- Extends infrared remote to control source device from display side;
- Supports Point-to-Point and Multicast transmission (up to 4 receivers);
- Simple Plug and Play, no software installation required;

Wall Plate TX (HDMI 2.0b, 1-Gang Decora, HDBaseT 70m)

HBT-WPB70T

Introduction

The HDBaseT Wall-plate Transmitter can transmit up to 4K2K@60 (4:4:4) video over a single CAT5e/6/7 cable up to 70 meters. It supports Power over Cable(PoC) functionality that allows for greater flexibility in installations.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:4:4) 18Gbps
- up to 7.1 channels HD audio
- HDBaseT over a single CAT5e/6/7 cable up to 230ft/70m distance
- One HDMI input, 1 Gang US Decora Wall Plate
- PWR/LINK/HDCP indicators
- 24V POC

Wall Plate TX (1HDMI 2.0b + 1VGA, 2-Gang Decora, HDBaseT 100m)

HBT-WPB200T

Introduction

The HDBaseT 5Play Wall-plate Transmitter supporting HDMI and VGA with audio inputs within a decora 2-Gang wall box that offers 4K2K@60Hz (4:4:4) and HD distribution over a single CAT5e/6/7 cable up to 330ft/100m. It supports auto and manual switching modes. Built-in IR receiver window for easy TV/Projector control.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- up to 4K2K@60Hz (4:4:4) 18Gbps
- up to 7.1 channels HD audio
- HDBaseT over a single CAT5e/6/7 cable up to 330ft/100m distance
- HDMI/VGA inputs, Built-in scaling for VGA source
- Automatic or manual switching modes
- 2 Gang US Decora Wall Plate
- POE is supported (PD)

HDMI Extender over Cat6 100m(TCP/IP)

HDV-E100

Introduction

The HDMI Extender over ONE CAT 5E/6 is a tool for extending your HDMI signal over long distances to a compatible display. Instead of using expensive HDMI cables, your existing CAT 5E/6 cables/sockets can be utilized to perform advanced functions like transferring Deep Color (12 bits/color) video and digital audio, with a bandwidth up to 225MHz.

Features

- HDMI 1.3, HDCP 1.1 and DVI1.1 compliant.
- Support Deep Color up to 12 bits/color.
- Support IR re-transmitting.
- Uses one CAT5E/6 cable for data/DDC transmission.
- Cable testing showed that with 1080p resolution the HDMI input source can be 20meters avvay.
- When transmitting a signal in 1080p resolution the CAT6 operating distance is 100 meters.

HDMI over IP Extender

HDV-E4100

Introduction

This product is an AV over IP Encoder with an HDMI input and Ethernet out which uses advanced H.264 compression algorithm to transmit full HD 1080p from HDMI based sources with less bandwidth over LAN network. It supports distances over a single CATx up to 394 ft. (120m) delivering one-to-one, one-to-many over the Ethernet switch.

Features

- HDMI 1.3, HDCP 1.1 and DVI1.1 compliant.
- Support Deep Color up to 12 bits/color.
- Support IR re-transmitting.
- Uses one CAT5E/6 cable for data/DDC transmission.
- Cable testing showed that with 1080p resolution the HDMI input source can be 20meters avvay.
- When transmitting a signal in 1080p resolution the CAT6 operating distance is 100 meters.

HDMI over IP Extender and Matrix System

HDV-E4100M

Introduction

This product is a matrix-based AV over IP solution for distribution of multiple HD contents to multiple HD display devices over a standard 1G network switcher with instant switching, video wall functionality that makes it’s the best solution for commercial AV installations.

Features

- HDMI 1.4b, HDCP 1.4 compliant;
- Video resolution up to 1080P60Hz(4:4:4);
- Standard H.264 Encoding/Decoding, H.264 IP Camera supported;
- HDMI, audio IR, and RS-232 over IP;
- Unicast, Multicast, Matrix, Video Wall;
- Supports 1G standard IP switcher/router/hub;
- Web-based GUI controller;
- Standard POE supported (PD device);
- Compact design for an easy and flexible installation to rack;