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2008 CATALOG

of HD Digital Visual Product



AV converter



Video Scaler



HD-SDI series



AV Distribution Amplifier



Optical Extender

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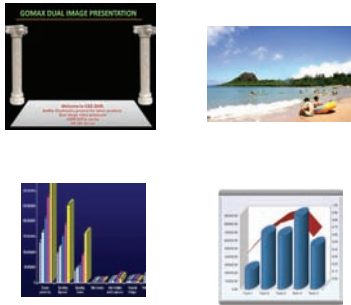
Dual-Image Video Processor

Simultaneously display two images on the same screen

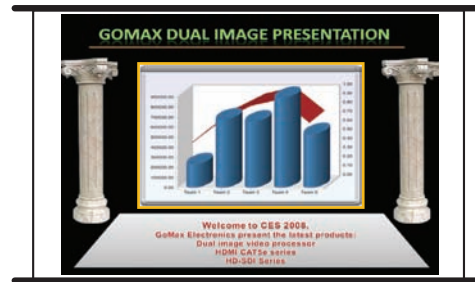
MX-1003B



DVI, VGA, Composite, Component video sources



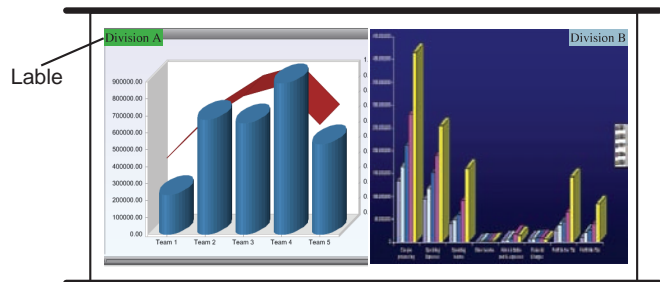
Overlap- Graphic on Graphic



Overlap- Video on Graphic



Side-by-side



Features:

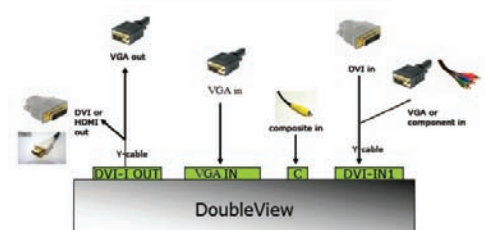
- 4 graphic and video Inputs (DVI, VGA, Composite, YPbPr) and outputs (DVI, VGA) two of them simultaneously on one screen in PIP or PBP mode
- Perfectly as a video screen splitter, a video converter and a video switcher
- Titles, borders and colored backgrounds
- Resize, position, flip, zoom&pan and blend output video
- High-resolution input up to UXGA 1600x1200 or 1920x1200
- User-selectable output settings, up to 1920 x 1200
- Firmware upgradable
- IR control and software control through RS232
- Portable size

Package contents

- 1 x MX-1003B
- 1 x DVI to DVI/VGA Y-cable
- 1 x DVI/VGA adapter
- 1 x VGA to YPbPr adapter
- 1 x remote control
- 1 x 5V DC power adapter

Specifications:

- Inputs: 1 x DVI, 1 x VGA, 1 x composite, 1 x component
- Output: 1 x DVI, 1x VGA
- Control: 1 x IR, 1 x RS232
- Resolution support: 640 x 480 to 1920 x 1200; 480p to 1080i HDTV
- Frequency bandwidth: 1.65Gbps (single link)
- 180mm (L) x 103mm (W) x 23mm (H)



Video Enhancer

Enhances video quality with cutting-edge video processor

Features:

- Advanced video processing, scaling, format converting
- Offers high integration of advanced Picture-in-Picture and Picture-by-Picture
- Impressive video de-interlacing
- High quality TV tuner
- Inputs: 1 x HDMI, 1 x VGA with audio, 2 x composite with audio, 2 x S-video, 2 x component video with audio
- Outputs: 1 x DVI with audio, 1 X VGA with audio
- Control: IR remote control
- 19" rack mounted design

MX-1010A



Double-View Computer Switcher

Controls one computer while monitoring the other

Features:

- Dual mode displays two DVI/VGA computers or one DVD player and one computer on one screen in PIP and PBP mode
- Switches to and controls any one of the two screens while monitoring the other computer in real time.
- Channel selection via hot keys, push button, or IR remote control
- Switches audio channels independently
- Firmware upgradable
- High-resolution up to UXGA (1600x1200) or WUXGA (1920x1200)
- Exact pixel to pixel digital video transfer
- Automatically power-saving mode

KV-1002

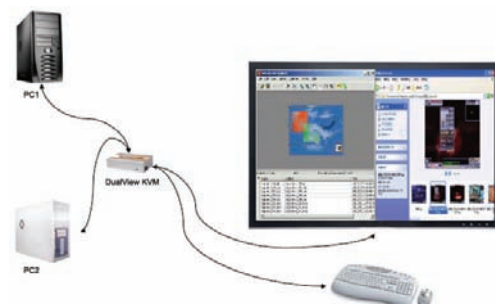


Package contents

- 1 x KV-1002
- 2 x KVM cable
- 1 x 5V DC adapter
- 1 x User manual

Specifications:

- PC Port Connectors: 2 x DVI-I, 4 x PS/2, 2 x Mini Stereo Jack
- Console Port Connectors: 1 x DVI-I, 2 x PS/2, 1 x Mini Stereo Jack
- Video input: 1 x composite
- Communication: 1 x RS232
- Resolution support: Up to 1900 x 1200 @ 60 Hz
- Frequency bandwidth: 1.65Gbps (single link)
- Power Supply: 5V DC
- Dimensions: 180mm (L) x 103mm (W) x 43mm (H)



4/6-port HD-SDI Splitter

Duplicates HD-SDI signal to 4/6 Outputs

Features:

- Low-cost SD/HD (dual-rate) re-clocking distribution amplifiers
- Provides automatic input cable re-clocking and equalization to 300 meters.
- Dual Color LED indication of input lock and rate
- HD Cable equalization (Beldon 1694A)
- Pass all ancillary data

Note: Re-clocking only applied in SP-3004RT and SP-3006RT

Specifications:

- Input connector: 1x BNC (SMPTE 292M SMPTE 259M)
- Output connector: 4/6x BNC (SMPTE 292M SMPTE 259M)
- Data rates: 1485, 1483, 270, 143 Mbps
- Equalization: up to 300m
- Power Supply: 5V DC
- Dimensions: 14mm (L) x 76mm (W) x 25mm (H)

4-port SP-3004/SP-3004RT
6-port SP-3006/SP-3006RT



Package Contents

- 1 x HD-SDI Splitter
- 1 x 5V DC adapter
- 1 x User manual

HD-SDI/ Fiber Optic Converter

Broadcast HD-SDI over optic fiber up to 10km

Features:

- Long reach transmission capability up to 10km
- Cost effective, compact and lightweight
- Single-mode with LC connector
- Re-clocking for all for HDTV and SDTV video rates including SMPTE 259M (143Mb/s-360Mb/s), SMPTE 292M (1485Mb/s)

Specifications:

- Input connector:
 - CV-306: 1 x 75 Ω BNC
 - CV-603: 1 x Optical LC
- Output connector:
 - CV-306: 1 x Optical LC
 - CV-603: 1 x 75 Ω BNC
- Data rates: 1485, 1483, 270, 143 Mbps (SMPTE 292M SMPTE 259M)
- Fiber type: Single mode
- Power Supply: 5V DC
- Dimensions: 70mm (L) x 40mm (W) x 30mm (H)

SDI to Fiber CV-306
Fiber to SDI CV-603



Package Contents

- 1 x CV-306
- 1 x CV-603
- 1 x user manual
- 2 x 5V DC power adapter

YPbPr/Composite/RGBHV to SDI Converter

Provides high quality conversion from composite, YPbPr or RGBHV to HD-SDI

Features:

- Excellent quality 12-bit A/D conversion
- Supported HD formats:
1080i@50/59.94/60; 1035i@50/59.94/60; 720p@59.94/60; 1080p@24/30
- Supported SD formats:
NTSC@59.94; PAL@50
- 3 SDI outputs
- Auto HD/SD SDI detection
- Composite / YPbPr / DVI SD and HD input

Specifications:

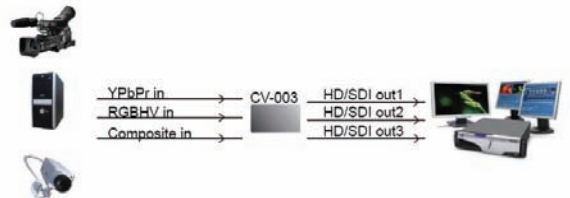
- Video Bandwidth: 1.485/ 1.485/1.001 Gbps
- Output signal: HD/SD SDI (SMPTE-259/SMPTE_292/SMPTE_296)
- Input signal: YPbPr/RGBHV/Composite
- Output transmission range: up to 125 meters at HD-SDI
- Power Supply: 5V DC
- Dimensions: 110mm (L) x 120mm (W) x 25mm (H)

CV-003



Package Contents

- 1 x CV-003
- 1 x 5V DC adapter
- 1 x User manual



SDI to YPbPr/DVI/Composite/RGBHV Converter

Provides high quality conversion from HD-SDI to composite, YPbPr, DVI or RGBHV

Features:

- Excellent quality 12-bit D/A conversion
- Supported HD formats:
1080i@50/59.94/60; 1035i@50/59.94/60; 720p@59.94/60; 1080p@24/30
- Supported SD formats:
NTSC@59.94; PAL@50
- Default SDI/YPbPr/DVI Patterns
- Auto HD/SD SDI detection
- Equalized loop out
- Composite / YPbPr / DVI SD and HD output

Specifications:

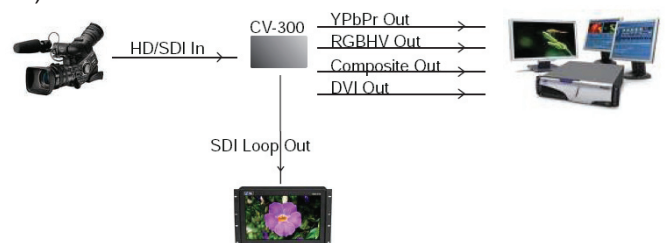
- Video Bandwidth: 1.485/ 1.485/1.001 Gbps
- Output signal: YPbPr/ RGBHV/ DVI 1.1/ Composite
- Input signal: HD/SD SDI (SMPTE-259/SMPTE_292/ SMPTE_296)
- Output transmission range: up to 125 meters at HD-SDI
- Power Supply: 5V DC
- Dimensions: 110mm (L) x 120mm (W) x 25mm (H)

CV-300



Package Contents

- 1 x CV-300
- 1 x 5V DC adapter
- 1 x User manual



HDMI Extender over 2 CAT5 cables

Boosts up your HDMI/DVI video transmission distance up to 60 meters at 1080i

Features:

- Extends the transmission distance up to 60 meters from the sources at 1080i
- Extends the transmission distance up to 40 meters from the sources at 1080p
- Minimizes the cable skew by adjustable equalization with 8 levels
- HDMI 1.3 compatible
- Provides independent DDC channel, fully HDCP compliant

Specifications:

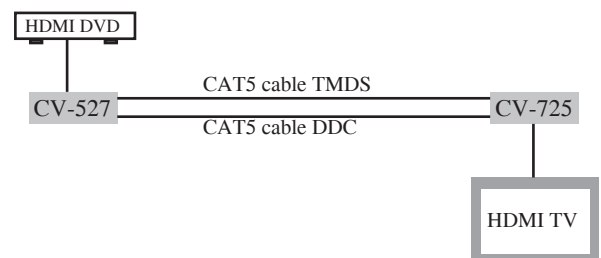
- Input connector:
 - Transmitter: 1 x female HDMI connector (19 pin type)
 - Receiver : 2 x RJ-45
- Output connector:
 - Transmitter: 2 x RJ-45
 - Receiver : 1 x female HDMI connector (19 pin type)
- Bandwidth: 10.2 Gbps (HDMI 1.3)
- Power Supply: 5V DC
- Dimensions: 60mm (L) x 70mm (W) x 25mm (H)

CV-57A



Package Contents

- 1 x CV-527 (transmitter)
- 1 x CV-725 (receiver)
- 1 x 5V DC adapter
- 1 x User manual



HDMI Extender over 1 CAT5 cable

Boosts up your HDMI/DVI video transmission distance up to 60 meters at 1080i

Features:

- Extends the transmission distance up to 60 meters from the sources at 1080i
- Extends the transmission distance up to 40 meters from the sources at 1080p
- HDMI 1.2a compliant
- Fully HDCP compliant
- Compatible with DVI monitor

Specifications:

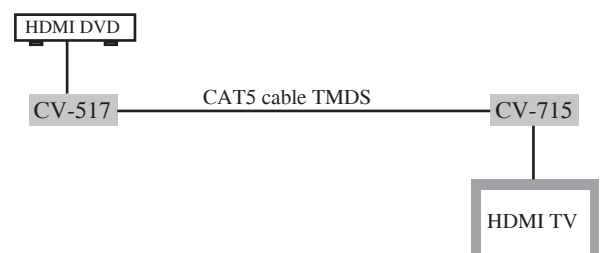
- Input connector:
 - Transmitter: 1 x female HDMI connector (19 pin type)
 - Receiver : 1 x RJ-45
- Output connector:
 - Transmitter: 1 x RJ-45
 - Receiver : 1 x female HDMI connector (19 pin type)
- Bandwidth: 1.65 Gbps (HDMI 1.2a)
- Power Supply: 5V DC
- Dimensions: 60mm (L) x 85mm (W) x 25mm (H)

CV-57B



Package Contents

- 1 x CV-517 (transmitter)
- 1 x CV-715 (receiver)
- 2 x 5V DC adapter
- 1 x User manual



HDMI CAT5e Distribution Series

The HDMI CAT5e Distribution Series provides most flexible solution by which the high definition video and high quality audio can be transmitted to different locations over a long distance. All devices in the system are cascable, allowing you to extend HDMI/DVI compliant displays almost anywhere.

The HDMI CAT5e Distribution Series consists of different devices including Transmitter, Transceiver and Receiver and they are fully compatible with each other. You can simply pick up devices that you need and setup systems in your own way. The HDMI CAT5e Distribution Series is an ideal solution for public information broadcasting or multimedia demonstration.

Transmitter :

SP-5012



Input	HDMI x 1
Output	HDMI x1, Analog audio x1 RJ-45 x 1
Max. distance	60m at 1080i; 35m at 1080p

SP-5018



Input	HDMI x 1
Output	HDMI x1, RJ-45 x 8
Max. distance	60m at 1080i; 35m at 1080p

Transceiver:

SP-5022



Input	RJ45 x 1
Output	HDMI x1, Analog audio x1 RJ-45 x 1
Max. distance	60m at 1080i; 35m at 1080p

Receiver :

CV-715



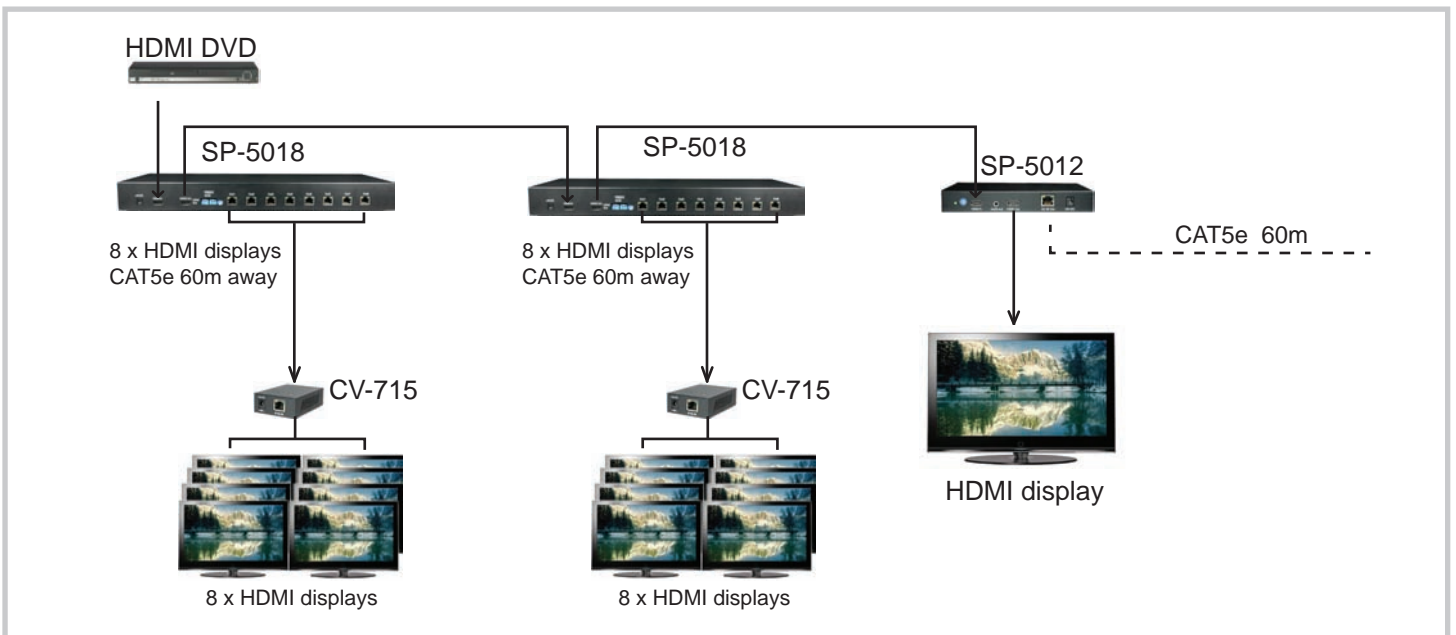
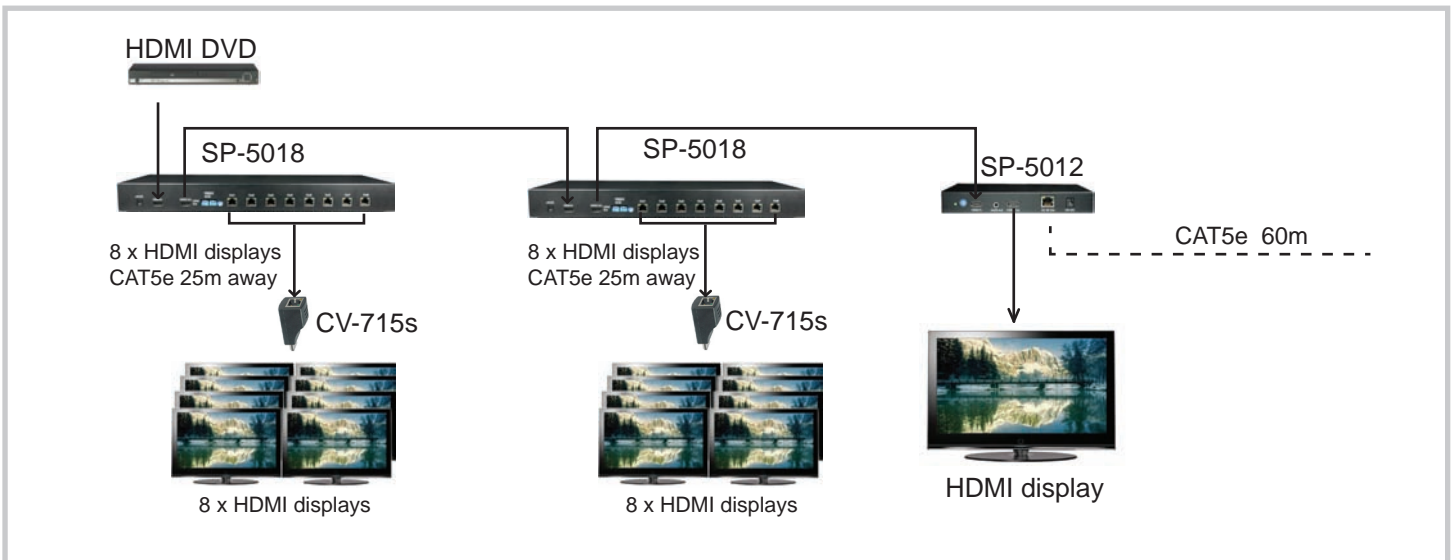
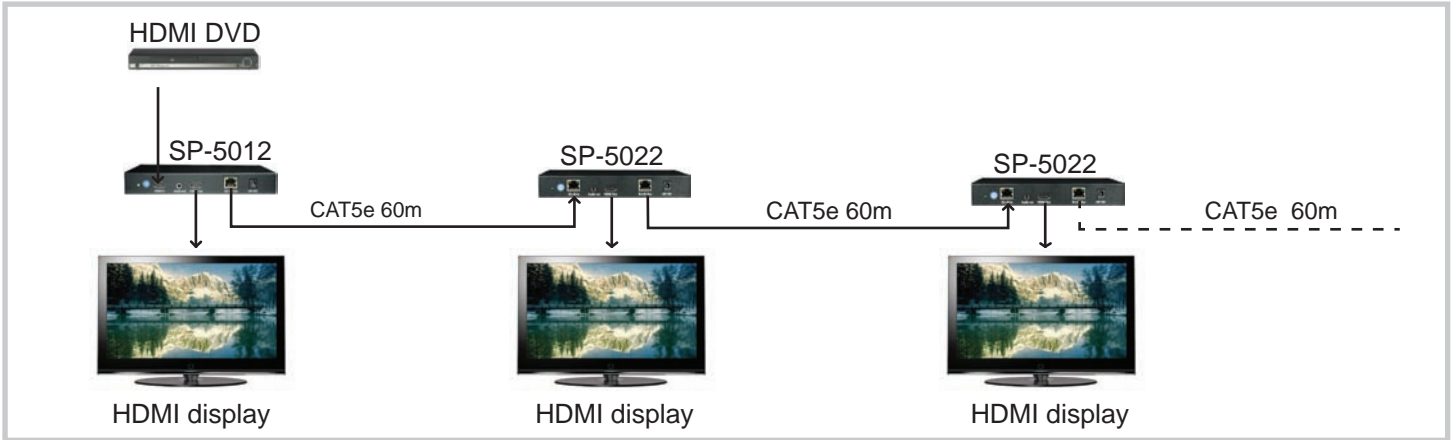
Input	RJ45 x 1
Output	HDMI x1
Max. distance	60m at 1080i; 35m at 1080p

CV-715s



Input	RJ45 x 1
Output	HDMI x1
Max. distance	25m at 1080i; 15m at 1080p

Applications



2 x 4 DVI Matrix Switcher

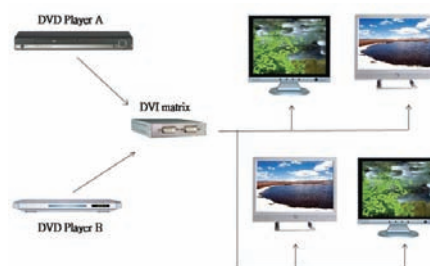
Switches between two DVI sources and four DVI displays independently with compact pattern generator

Features:

- 2-in-four-out DVI matrix with embedded pattern generator
- IR remote control and DIP switch configuration
- Supports VESA standard and HDTV resolutions
- Maintains highest resolution digital video with no loss of quality
- Supports DDWG standards for DVI monitors

Specifications:

- Input connector: 2 x DVI-I 29 pin female (digital only)
- Output connector: 4 x DVI-I 29 pin female (digital only)
- Video Amplifier Bandwidth: 1.65 Gbps
- Single Link Range: 1080p/1920 x 1200
- Power Supply: 5V DC
- Dimensions: 110mm (L) x 120mm (W) x 25mm (H)



MA-1024



Package Contents

- 1 x DVI Matrix
- 3 x DVI Y-cable
- 1 x Remote control
- 1 x 5V DC adapter
- 1 x User manual

2/3-port DVI Splitter

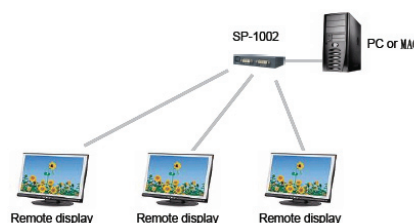
Duplicates DVI signal to 2/3 Outputs

Features:

- Connects a DVI video source to 2/3 DVI compatible displays
- Stackable design
- IR remote control allowed switching outputs (optional)
- Simultaneous displays at local and remote locations
- Reads and remembers the EDID of displays
- Once stacked/ cascaded, machine IDs can be assigned
- Maintains highest video resolution (1600x1200)
- Supports DDWG standards for DVI compliant monitors

Specifications:

- Input connector: 1 x DVI-I
- Output connector: 2/3 x DVI-I
- Maximum Resolution: 1600 x 1200
- LEDs: 1 x Green (ID), 1 x Red (Power)
- Dip switch: x 2
- Power Supply: 5V DC
- Dimensions: 120mm (L) x 88mm (W) x 25mm (H)

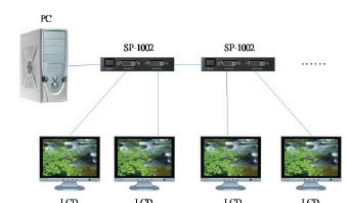


2-port SP-1002B
3-port SP-1002



Package Contents

- 1 x DVI splitter
- 1 x remote control
- 1 x 5V DC power adapter



4/5-port HDMI Switch

Easy switch among 3/4/5 HDMI sources

Features:

- HDMI 1.3 compatible
- Fully HDCP compliant
- Auto scan and auto detection
- Equalization on input ports and pre-emphasis on output port for long range transmission
- Output transmission range up to 15 meters at 1080p
- Remote IR control and front panel push button
- Supports 480p, 720p, 1080i, 1080p, and VESA resolutions

Specifications:

- Input connector: 4/5 x female HDMI connector (19 pin type)
- Output connector: 1 x female HDMI connector (19 pin type)
- Bandwidth: 2.25 Gbps (HDMI 1.3)
- Equalization: up to 15m
- Power Supply: 5V DC
- Dimensions: 168mm (L) x 85mm (W) x 25mm (H)

4-port SW-5004
5-port SW-5005



Package Contents

- 1 x HDMI Switch
- 1 x 5V DC adapter
- 1 x Remote control
- 1 x User manual

1 x 2 HDMI Splitter with Analog Audio Output

Broadcasts HDMI sources to two HDMI equipped displays

Features:

- HDMI 1.2 compliant
- Fully HDCP compliant
- Compatible with DVI monitor
- Analog stereo audio output
- Reads and remembers the EDID of displays
- Output transmission range up to 15 meters at 1080p
- Supports 480p, 720p, 1080i, 1080p, and VESA resolutions
- Front panel power indicators
- SPDIF audio output (Optional)

Specifications:

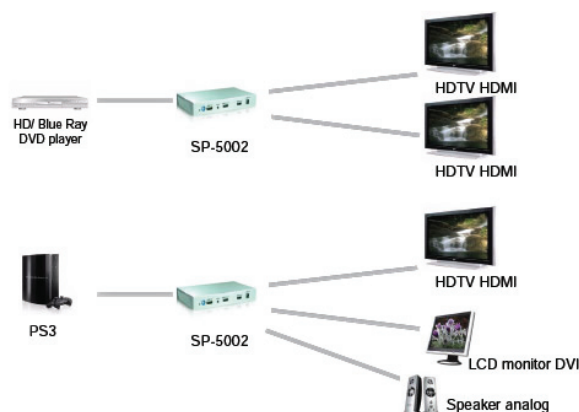
- Input connector: 1 x female HDMI connector (19 pin type)
- Output connector: 2 x female HDMI connector (19 pin type)
1 x audio mini jack
- Maximum Resolution: 1600 x 1200
- LEDs: 1 x Red (Power)
- Rotary switch: 1 (for audio channels selection and EDID setup)
- Power Supply: 5V DC
- Dimensions: 168mm (L) x 85mm (W) x 25mm (H)

SP-5002



Package Contents

- 1 x HDMI splitter
- 1 x user manual
- 1 x 5V DC power adapter



HDMI to DVI+ Audio

Converts digital HDMI to DVI with both digital audio (SPDIF) and analog stereo audio

Features:

- HDMI 1.2a compatible
- Fully HDCP compliant
- Coaxial SPDIF audio output
- Stereo analog audio output

Specifications:

- Input connector: 1 x 19 pin type female HDMI connector
- Output connect or: 1 x 29 pin DVI-I female connector (digital only)
 - 1 x Coaxial SPDIF
 - 1 x Analog stereo audio
- Bandwidth: 1.65 Gbps (HDMI 1.2a)
- Power Supply: 5V DC

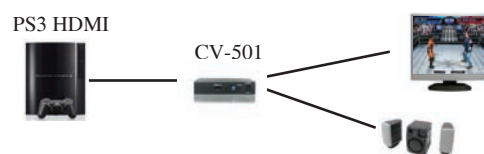
CV-501



Package Contents

- 1 x CV-501
- 1 x 5V DC adapter
- 1 x User manual

Enjoy HD video game with low cost non HDCP LCD Monitor



Active Speaker

DVI+ Audio to HDMI

Converts DVI with digital audio (SPDIF) or analog stereo audio to HDMI

Features:

- HDMI 1.2a compatible
- Fully HDCP compliant
- Coaxial SPDIF audio input
- Stereo analog audio input

Specifications:

- Output connector: 1 x 19 pin type female HDMI connector
- Input connect or: 1 x 29 pin DVI-I female connector (digital only)
 - 1 x Coaxial SPDIF
 - 1 x Analog stereo audio
- Bandwidth: 1.65 Gbps (HDMI 1.2a)
- Power Supply: 5V DC

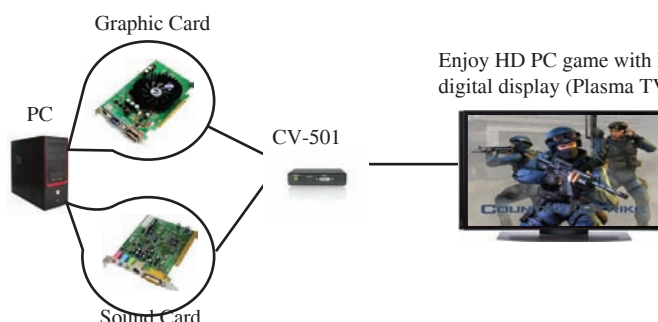
CV-105



Package Contents

- 1 x CV-105
- 1 x user manual
- 1 x 5V DC power adapter

Enjoy HD PC game with HD digital display (Plasma TV)



Mini DVI CAT5e Extender

Boosts up DVI/ HDMI video transmission distance up to 30 meters

Features:

- Handy DVI-D to RJ-45 Adaptor with programmable EDID
- Extends the transmission distance up to 30 meters from the sources at XGA
- Extends the transmission distance up to 15 meters from the sources at UXGA
- LED indicators
- Compact size

Specifications:

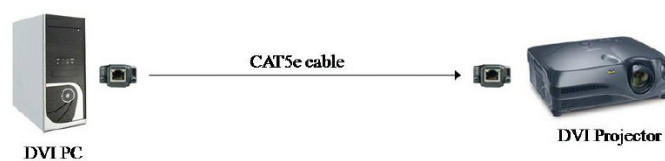
- Connector: 1 x 29-pin DVI-I
1 x RJ45
- System cable: CAT 5/ 5e/ 6
- Data Rate: 1.65 Gbps (DVI 1.1)
- Power Supply: none
- Dimensions: 50mm (L) x 40mm (W) x 20mm (H)

CV-117



Package Contents

- 2 x CV-117(Transmitter and Receiver)
- 1 x User manual



DVI CAT5e Extender

Boosts up DVI/ HDMI video transmission distance up to 60 meters

Features:

- Handy DVI-D to RJ-45 Adaptor with programmable EDID
- Extends the transmission distance up to 60 meters from the sources at XGA
- Extends the transmission distance up to 30 meters from the sources at UXGA
- Minimize the cable skew by adjustable equalization with 8 levels
- Supports HDTV resolution & VESA standards

Specifications:

- Connector: 1 x 29-pin DVI-I
1 x RJ45
- System cable: CAT 5/ 5e/ 6
- Data Rate: 1.65 Gbps (DVI 1.1)
- Power Supply: 5V 2A
- Dimensions: 60mm (L) x 70mm (W) x 25mm (H)

CV-117



Package Contents

- 1 x CV-117 (Transmitter)
- 1 x CV-711 (Receiver)
- 1 x 5V 2A power adapter
- 1 x User manual



YPbPr to VGA Converter/Switcher

Allows you to use LCD as a display and switch between your game console and PC.

Features:

- Converts YPbPr to VGA
- Switches between YPbPr and VGA
- Supports audio switch
- Supports PC video display resolutions up to UXGA (1600 x 1200 @ 75 Hz)
- Supports 480i, 576i, 480p, 576p, 720p, 1080i, and 1080p
- Fully compatible and ideal for DVD players and game consoles
- Buffered VGA output for 60 meters long range transmission

Specifications:

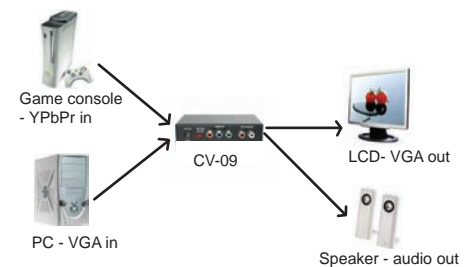
- Input: 1 x D-Sub 9 female for VGA
 - 1 x 3.5mm mini socket for stereo audio
 - 3 x RCA jacks for YPbPr
 - 2 x RCA jacks for stereo audio
- Output: 1 x D-Sub 9 female for VGA
 - 1 x 3.5mm mini socket for stereo audio
- Video Bandwidth: 400MHz for VGA and 70Mhz for YPbPr
- Power Supply: 5V DC
- Dimensions: 120mm (L) x 95mm (W) x 25mm (H)

CV-09



Package Contents

- 1 x CV-09
- 1 x 5V DC adapter
- 1 x User manual



EDID Reader/ Writer

Reads and writes the EDID from/to your display

Features:

- Keeps computers from deactivating inactive DVI port
- Reads and remembers the EDID of displays
- Writes EDIDs into the EDID Clone or the displays
- Default EDID built-in
- No power required after initial programming
- Maintains DVI video resolution
- Support DDWG standard for DVI compliant monitors

Specifications:

- Input connector: 1 x DVI-I
- Output connector: 1 x DVI-I
- Communication: 1 x RS232
- LEDs: 1 x Green, 1 x Red
- Dip witch: x 2
- Power Supply: 1 x 5V DC
- Dimensions: 85mm (L) x 28mm (W) x 40mm (H)

CV-1001



Package contents

- 1 x CV-1001
- 1 x 5V DC adapter
- 1 x User manual



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