



  
**Avenview**

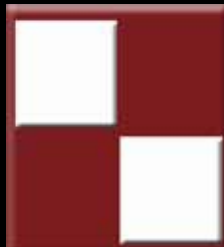
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# Avenview

We are dedicated to providing the Digital Signage world with high fidelity video over Cat 5 and Fiber solutions to meet todays cutting edge video distribution and digital signage requirements. As a leading manufacturer of video distribution and digital signage products. *Avenview* works closely with the leading integrators and installers worldwide to assist with extending, switching and distribution of audio/visual signals.



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## Digital Signage & Video Distribution



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# DVI Extenders

## Extend DVI-D signal over single CAT-5, up to 80 meters (275 feet)

### Features:

- Extend any DVI device up to 40m (130 feet) over CAT-5 at 1280x1024
- Extend any DVI device up to 30m (100 feet) over CAT-5 at 1080p (1920x1080)
- Supports up to 1920x1200 resolution
- Transmitter can broadcast DVI-D signal locally and extend DVI-D signal over CAT-5
- Unlimited Cascading of Transmitter and Transceivers
- Video signal is transmitted over CAT-5 without signal degradation
- Built-in equalizer to adjust video quality



DVI-C5-SET



<b>Model:</b>	<i>DVI-C5-S</i>	<i>DVI-C5-R</i>
<b>Description:</b>	1 Port DVI-D Transmitter	1 Port DVI-D Transceiver
<b>Input:</b>	HDMI (DVI-HDMI Cable included)	RJ45 x 1
<b>Output:</b>	DVI-D x 1 RJ45 x 1	
<b>Resolutions:</b>	HD: 480i / 480p / 720p / 1080i / 1080p PC: up to 1920 x 1200	
<b>Video Amplifier Bandwidth</b>	1.65 GHz	
<b>Power Supply:</b>	5V DC	

# DVI Extenders

**DVI-D signal with Audio over single CAT-5, up to 100 meters (330 feet)**

## Features:

- Extend any DVI device up to 60m (200 feet) over CAT-5 at 1280x1024
- Extend any DVI device up to 35m (150 feet) over CAT-5 at 1080p (1920x1080)
- Audio signal transmitter over 4-wire phone cable up to 100 meters (330 feet)
- Supports up to 1920x1200 resolution
- Transmitter can broadcast DVI-D signal locally and extend DVI-D signal over CAT-5
- Built-in EDI simulation in Receiver
- Unlimited Cascading of Transmitter and Transceivers
- Video signal is transmitted over single CAT-5 without signal degradation
- Built-in equalizer to adjust video quality



DVI-C5-2



Model:	DVI-C5-LC-R	DVI-C5-2	DVI-C5-4	DVI-C5-8
Description:	1 Port DVI-D Transmitter	2 Port DVI-D Splitter / Extender	4 Port DVI-D Splitter / Extender	8 Port DVI-D Splitter / Extender
Input:	DVI-D x 1 (male)	DVI-D x 1 (female)		
Output:	RJ45 x 1	DVI-D x 1 Audio x 1 RJ45 x 2 RJ11 x 2	DVI-D x 1 Audio x 1 RJ45 x 4 RJ11 x 4	DVI-D x 1 Audio x 1 RJ45 x 8 RJ11 x 8
Resolutions:	HD: 480i / 480p / 720p / 1080i / 1080p PC: up to 1920 x 1200			
Video Amplifier Bandwidth	1.65 GHz			
Power Supply	5V DC			

Extend your analog and digital signals without quality degradation

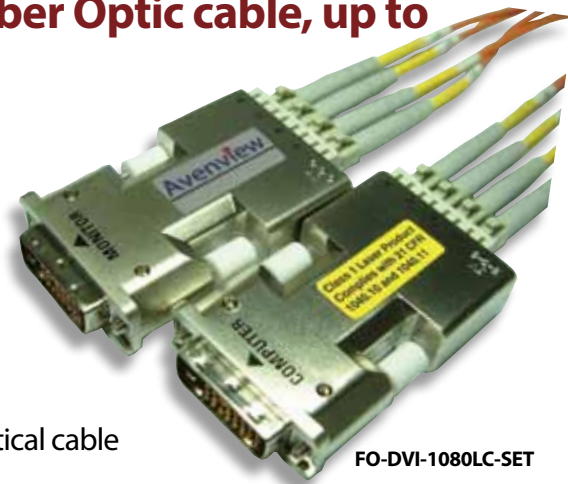
**Extenders**

# DVI Extenders

## Extend DVI-D signal over LC multi-mode Fiber Optic cable, up to 1000 meters (3300 feet)

### Features:

- High speed and long distance transmission by LC type Multi- Mode fiber optic cable
- Extend DVI-D signal up to 1000 meters (2300 feet) over fiber cable at 1024x768
- Extend DVI-D signal up to 200 meters (660 feet) over fiber cable at 1920 x1200
- Supports up to 1080p, WUXGA (1920 x 1200) resolution
- R, G, B, Clock signal is transmitted separately by Multi-Mode fiber optical cable
- Supports DDWG standard for DVI compliant monitors
- Self detecting function for EDID ensures source is synced with display correctly
- Fully compatible with DVI standards



FO-DVI-1080LC-SET



<b>Model:</b>	<b>FO-DVI-1080LC-SET</b>
<b>Description:</b>	DVI-D Extender Set over LC Type Multi-Mode Fiber Optical Cable
<b>Video Bandwidth:</b>	1.65Gbps (Single Link)
<b>Connector Type:</b>	DVI 24 Pin
<b>Resolutions:</b>	HD: up to 1080p (200 meters / 660 feet) PC: up to 1920 x 1200 (200 meters / 660 feet)
<b>Fiber Type:</b>	LC Multi-Mode Fiber cable
<b>Power Consumption:</b>	0.75 Watt (max)

## Extend HDCP Compliant DVI-D signal over Fiber Optic cable, up to 100 meters (330 feet)

### Features:

- Integrated solution for extending DVI-D signal for long distance transmission
- Available in pre-assembled lengths of up to 100 meters (330 feet)
- Supports up to 1920x1440 resolution
- Compatible with DDWG DVI standard
- DDC signal is transmitted by copper line
- HDCP Compliant
- R, G, B, Clock signals are transmitted by optical fiber
- Supports DDC2B protocol



FO-DVI-25-MM

<b>Model:</b>	<b>FO-DVI-xx-MM</b>
<b>Description:</b>	DVI-D Extender over Fiber Optic Cable, HDCP Compliant
<b>Video Bandwidth:</b>	1.65 Gbps (Single Link)
<b>Connectors:</b>	DVI-D Single Link Connector (Male)
<b>Resolution:</b>	Up to 1920 x1440
<b>HDCP Compliant:</b>	Yes



# DVI Extenders

## DVI-D signal over SC type multi-mode fiber optic cable, up to 1000 meters (3300 feet)

### Features:

- High speed and long distance transmission by SC type Multi-Mode fiber optic cable
- Extend DVI-D signal up to 1000 meters (3300 feet) over fiber cable at 1920 x1200
- Supports up to 1080p, WUXGA (1920 x 1200) resolution
- Also available in EMI shielded cable
- R, G, B, Clock signal is transmitted by 1 SC type Multi-Mode fiber optic cable
- Self detecting function for EDID ensures source is synced with display correctly
- Fully compatible with DVI standards



FO-DVI-1000M



Model:	FO-DVI-1000M	FO-DVI-1000M-EMI
Description:	DVI-D Extender Set over SC Type Multi-Mode Fiber Optical Cable	DVI-D Extender Set over SC Type Multi-Mode Fiber Optical Cable with EMI Shielding
Video Bandwidth:	1.65Gbps (Single Link)	
Connector Type:	DVI 24 Pin	
Resolutions:	HD: up to 1080p (1000 meters / 3300 feet) PC: up to 1920 x 1200 (1000 meters / 3300 feet)	
Fiber Type:	SC Multi-Mode Fiber cable	
Power Consumption:	1.0 Watt (max)	

## Extend Single/Dual Link HDCP Compliant DVI-D signal over Fiber Optic cable, up to 100 meters (330 feet)

### Features:

- High speed and long distance transmission by LC type Multi-Mode
- Uses 7 strand Multi-Mode LC fiber optic cable
- Extend dual link 2560x1600 DVI signal up to 100 meters (330 feet)
- HDCP Compliant
- Supports two modes of DDC (Real Mode and Emulation Mode)
- Supports both Single and Dual link by selectable function



FO-DVI-DL-330



Model:	FO-DVI-DL-330
Description:	Single/Dual Link DVI Extender over Fiber, HDCP Compliant
Video Bandwidth:	1.65 Gbps (Single Link)
DVI Connector:	24 Pin
FO Connector:	LC Type
Link Connector (DDC):	RJ45
Supported Resolution:	Single Link: WUXGA (1920 x1200) Dual Link: QXGA (2560x1600)
Power Consumption:	1.5 Watt (max)

Extend your analog and digital signals without quality degradation

Extenders

# HDMI Extenders

## Extend HDMI signal over single CAT-5, up to 80 meters (275 feet)

### Features:

- Extend any HDMI device up to 70m (230 feet) over CAT-5 at 720p / 1080i
- Extend any HDMI device up to 30m (100 feet) over CAT-5 1080p
- HDMI 1.2 compliant
- Transmitter can broadcast HDMI signal locally and extend HDMI signal over CAT-5
- Unlimited Cascading of Transmitter and Transceivers
- Video signal is transmitted over CAT-5 without signal degradation
- Built-in equalizer to adjust video quality



HDMI-C5-SR



<b>Model:</b>	<b>HDMI-C5-S</b>	<b>HDMI-C5-SR</b>	<b>HDMI-C5-R</b>	<b>HDMI-C5-HD-S</b>	<b>HDMI-C5-HD-R</b>
<b>Description:</b>	1 Port HDMI Transmitter	1 Port HDMI Transceiver	1 Port HDMI Short Range Receiver	1 Port HDMI Transmitter	1 Port HDMI Receiver
<b>Input:</b>	HDMI x 1	RJ45 x 1	RJ45 x 1	HDMI x 1	RJ45 x 1
<b>Output:</b>	HDMI x 1 RJ45 x 1	HDMI x 1 RJ45 x 1	HDMI x 1	RJ45 x 1	HDMI x 1
<b>Resolutions:</b>	HD: 480i / 480p / 720p / 1080i / 1080p PC: up to 1920 x 1200				
<b>Video Amplifier Bandwidth</b>	1.65 GHz				
<b>Power Supply</b>	5V DC				

# HDMI Extenders

**Extend/ Split HDMI signal over single CAT-5 to up to 8 displays, up to 80 meters (275 feet)**

**Features:**

- Extend any HDMI device up to 80m (275 feet) over CAT-5 at 480p
- Extend any HDMI device up to 50m (165 feet) over CAT-5 at 720p / 1080i
- Extend any HDMI device up to 20m (66 feet) over CAT-5 1080p
- HDMI 1.2 compliant
- Transmitter can broadcast HDMI signal locally and extend HDMI signal over CAT-5
- Unlimited Cascading of Transmitter and Transceivers
- Video signal is transmitted over CAT-5 without signal degradation
- Built-in equalizer to adjust video quality



HDMI-C5-8



<b>Model:</b>	<b>HDMI-C5-4</b>	<b>HDMI-C5-8</b>
<b>Description:</b>	4 Port HDMI Transmitter / Splitter	8 Port HDMI Transmitter / Splitter
<b>Input:</b>	HDMI x 1	
<b>Output:</b>	HDMI x 1 RJ45 HDMI Out x 4 RJ45 LINK OUT x 1	HDMI x 1 RJ45 HDMI Out x 8 RJ45 LINK OUT x 1
<b>Resolutions:</b>	80 meters (275 feet) @ 480p 50 meters (165 feet) @ 720p / 1080i 20 meters (66 feet) @ 1080p	
<b>HDCP Compliant:</b>	Yes	
<b>Power:</b>	5V DC	

Extend your analog and digital signals without quality degradation

**Extenders**

# HDMI Extenders

**Extend HDMI 1.3c signal over single CAT-5, up to 40 meters (130 feet) at 1080p**

## Features:

- HDMI 1.3c compliant
- Extend the transmission length up to 60m (200ft) from the HDMI sources under HD resolution (1080i or 720p at 8 bit color depth)
- Extend the transmission length up to 40m (130ft) from the HDMI sources under Full HD resolution (1080p at 8 bit color depth)
- HDCP 1.1 compliant
- Minimize the cable skew by adjustable 8-level equalization control
- Pure unaltered uncompressed 7.1ch digital HDMI over LAN cable transmission
- DTS-HD and Dolby True HD high bit rate audio support
- Allows cascading



HDMI-C5-3-SET



<b>Model:</b>	<b>HDMI-C5-3-S</b>	<b>HDMI-C5-3-R</b>	<b>HDMI-C5-M3-R</b>
<b>Description:</b>	1 Port HDMI Transmitter	1 Port HDMI Receiver	1 Port HDMI Mini Receiver
<b>Input:</b>	HDMI	RJ45 x 1	
<b>Output:</b>	RJ45 x 1	HDMI x 1	
<b>Resolutions:</b>	HD: 480i / 480p / 720p / 1080i / 1080p		
<b>Max Distance:</b>	720p/1080i = 50m (165 feet) CAT5 720/1080i = 60m (200 feet) CAT6 1080p = 40m (130 feet) CAT5 1080p = 50m (165 feet) CAT6		
<b>Video Bandwidth:</b>	Single-link 340MHz (10.2Gbps)		
<b>Equalization:</b>	-	8-level digital control	-
<b>Power Supply:</b>	5V DC		None
<b>Power Consumption:</b>	1 Watts (max)		0.5 Watt (max)

# HDMI Extenders

## 4x4 HDMI 1.3c Matrix over single CAT-5, up to 30 meters (100 feet) at 1080p

### Features:

- HDMI 1.3c compliant
- Extend the transmission length up to 50m (165ft) from the HDMI sources under HD resolution (1080i or 720p at 8 bit color depth)
- Extend the transmission length up to 30m (100ft) from the HDMI sources under Full HD resolution (1080p at 8 bit color depth)
- HDCP 1.1 compliant
- Allows any HDMI display to view any HDMI source at any time
- Allows any source to be displayed on multiple displays simultaneously
- Minimize the cable skew by adjustable 8-level equalization control at remote receiver
- Supports 7.1 channel digital audio
- Supports default HDMI EDID and learns the EDID of displays
- Ability to switch every output channels to any HDMI inputs by push button, IR remote control or RS232
- Ability to control local HDMI sources by IR extender through control patch at remote receiver
- Rack mountable



SW-HDMI-C5-4X4



<b>Model:</b>	<b>SW-HDMI-C5-4X4</b>	<b>SW-HDMI-C5-8X8</b>
<b>Description:</b>	4X4 Matrix and Transmitter	8X8 Matrix Switch and Transmitter
<b>Input:</b>	4 x HDMI 1 x RS232	8 x HDMI 1 x RS232
<b>Output:</b>	4 x RJ45 TMDS 4 x RJ45 DDC 5 x IR socket for Remote	8 x RJ45 TMDS 8 x RJ45 DDC 9 x IR socket for Remote
<b>Resolutions:</b>	HD: 480i / 480p / 720p / 1080i / 1080p	
<b>Video Amplifier Bandwidth:</b>	Single Link 340MHz (6.75Gbps)	
<b>Max Distance:</b>	720p/1080i = 50m (165 feet) CAT5 720/1080i = 55m (180 feet) CAT6 1080p = 30m (100 feet) CAT5 1080p = 40m (130 feet) CAT6	
<b>HDMI Input Selection:</b>	Push Button / IR Remote / RS232	
<b>Power Supply:</b>	5V DC	

## HDMI Extenders

### Extend HDMI signal over LC multi-mode Fiber Optic cable, up to 100 meters (330 feet)

#### Features:

- High speed and long distance transmission by LC type Multi-Mode fiber optic cable
- Uses 4 strand multi-mode fiber optic cable
- Supports up to 1080p, 1920 x 1200 resolution
- Fully compatible with HDMI standard 1.3
- HDCP Compliant
- DDC and CEC signals are transmitted by RJ45 cable



FO-HDMI-SET

<b>Model:</b>	<b>FO-HDMI-SET</b>
<b>Description:</b>	HDMI Extender SET over Fiber Optic
<b>Video Bandwidth:</b>	1.65 Gbps
<b>Connector:</b>	HDMI Type A
<b>Resolution:</b>	Up to 1080p, WUXGA (1920 x 1200)
<b>Power Consumption:</b>	0.55 Watt (max)
<b>Fibre Type:</b>	4 Strand LC multi-mode Fiber



### Extend HDMI signal over multi-mode Fiber Optic cable, up to 100 meters (330 feet)

#### Features:

- Integrated solution for extending HDMI signal for long distance transmission
- Available in pre-assembled lengths of up to 100 meters (330 feet)
- Supports up to 1920x1440 resolution
- Compatible with DDWG DVI standard
- DDC, CEC signal and 5V power is transmitted by copper line
- HDCP Compliant
- R, G, B, Clock signals are transmitted by optical fiber



FO-HDMI-50-MM



<b>Model:</b>	<b>FO-HDMI-xx-MM</b>
<b>Description:</b>	HDMI Extender over Fiber Optic Cable, HDCP Compliant
<b>Video Bandwidth:</b>	1.65 Gbps (Single Link)
<b>Connector:</b>	HDMI Type A
<b>Resolution:</b>	480p / 720p / 1080i / 1080p
<b>HDC Compliant:</b>	Yes
<b>Available Lengths:</b>	10, 15, 20, 25, 30, 40, 50, 75, 100 meters
<b>Fiber Type:</b>	H-PCF graded index Multi-Mode Fiber

# HD/SD-SDI Extenders

Extend HD/SD-SDI signal over LC type Fiber Optic cable, up to 300 meters (1000 feet)

## Features:

- Enables transmission of digital video signal over fiber optic cable
- Extend HD-SDI signal up to 150 meters (500 feet)
- Extend SD-SDI signal up to 300 meters (1000 feet)
- Use LC type multi-mode fiber optic cable
- Supports SMPTE 259M (270 Mbps), SMPTE 259M (360 Mbps), SMPTE 259M / HDTV (1.485 Gbps, 1.485 / 1.001 Gbps), DVB ASA (270 Mbps)
- HD/SDI input signal detection LED
- SDI loop-out and one SDI BNC output



FO-HSDSI-SET

HDSD

Model	FO-HSDSI-SET	FO-HSDSI-L-SET
Description	HD/SD-SDI Extender over Fiber Optic	HD/SD-SDI Extender over Fiber Optic with Loop Out
SDI Standards	SD-SDI & HD-SDI	
Auto HD/SD-SDI Detection	Yes	
Supported Protocols	SMPTE 259M (270Mbps / 360Mbps), DVB ASI (270Mbps) SMPTE 292M / HDTV (1.485Gbps and 1.485/1.001Gbps)	
Video Bandwidth	1.485Gbps & 1.485/1.001Gbps	
Data Rates	270 / 1483 / 1485 Mbps	
Supported Video	HD: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30 SD: NTSC@59.94Hz, PAL@50Hz	
SDI Signal Type	SMPTE-292M, SMPTE-259M, DVB-ASI	
Auto Reclocking Mode	Automatic detection: 270Mbps / 1.483Gbps / 1.485Gbps Automatic bypass: 177Mbps / 360Mbps / 540Mbps	
Cable Equalization	HD-SDI: up to 150m (500ft) SD-SDI: up to 300m (1000ft)	
Loop Out	No	Yes
Fiber Type	LC Type	
Power Consumption	5 Watts (max)	

Extend your analog and digital signals without quality degradation

Extenders

## VGA Extenders

### Extend VGA signal with Audio over CAT-5, up to 150 meters (500 feet)

#### Features

- Extend any VGA device with audio 150 meters (500 feet) over CAT-5 at 1080p, 1920x1200
- Supports up to 1920x1200 resolution
- Unlimited Cascading of Transmitter and Transceivers
- Remote and local monitor and speakers can broadcast simultaneously
- Option of connecting to component connector of TV
- Signal can be split to connect 16 displays



VGA-C5-5

Model:	VGA-C5-S	VGA-C5-R	VGA-C5-4	VGA-C5-8	VGA-C5-16	VGA-C5-4-SR	VGA-C5-8-SR
Description:	1 Port AV Transmitter	1 Port AV Receiver	4 Port AV Transmitter	8 Port AV Transmitter	16 Port AV Transmitter	4 Port AV Transceiver	8 Port AV Transceiver
Input:	VGA x 1 Audio x 1	RJ45 x 1	VGA x 1 Audio x 1	VGA x 1 Audio x 1	VGA x 1 Audio x 1	RJ45 x 1	RJ45 x 1
Output:	VGA x 1 Audio x 1 RJ45 x 1	VGA x 1 Audio x 1	VGA x 1 Audio x 1 RJ45 x 4	VGA x 1 Audio x 1 RJ45 x 8	VGA x 1 Audio x 1 RJ45 x 16	RJ45 x 4	RJ45 x 8
Audio:	Stereo	Mono	Stereo	Stereo	Stereo	Mono	Mono
Resolutions:	HD: 480p / 720p / 1080i / 1080p PC: up to 1920x1200						

### Extend KVM signal over CAT-5, up to 150 meters (500 feet)

#### Features

- Extend PS/2 KVM device meters (500 feet) over CAT-5 at 1920x1200
- Supports up to 1920x1200 resolution
- Remote and local monitor can broadcast simultaneously
- Auto KVM model detection for optimum setup
- Integrated 3-in-1 KVM cable for PC or KVM switch connection
- Supports advanced functions of Logitech and Microsoft mice
- Supports MS-DOS, Windows, FreeBSD, Linux, Unix, Novel



KVM-C5-SET

Model:	KVM-C5-S	KVM-C5-R
Description:	KVM Transmitter	KVM Receiver
Keyboard:	PS/2 Female	PS/2 Female
Mouse:	PS/2 Female	PS/2 Female
Video:	D-Sub Female	D-Sub-Female
Resolution:	Up to 1920x1200 at 150 meters (500 feet)	

# VGA Extenders

## VGA and RS232 signal over CAT-5, up to 100 meters (330 feet)

### Features:

- Extend VGA and RS232 signal up to 100 meters (330 feet) over CAT-5 at 1600 x 1200
- Bidirectional serial RS232 control
- Supports up to 1600 x 1200 resolution
- Remote and local monitors can display simultaneously



VTS-C5-SET

Model:	VTS-C5-S	VTS-C5-R
Description:	1 Port Transmitter	1 Port Receiver
Input:	VGA & RS232	RJ45
Output:	VGA & RJ45	VGA & RS232
Video:	-	Gain & Focus
Resolution:	Up to 1600 x 1200 at 100 meters (330 feet)	

## Extend / Split VGA and Audio signal with RGB Delay Control over CAT-5, up to 300 meters (1000 feet)

### Features:

- Extend any VGA device with audio up to 300 meters (1000 feet) over CAT-5 at WUXGA 1920x1200
- Supports up to 1920x1200 resolution
- Adjustable equalization and gain control on Receiver unit
- De-skew compensation for RGB delay control
- Wall mountable



Model:	VGA-C5A-S	VGA-C5A-R	VGA-C5-SP-4	VGA-C5-SP-8	VGA-C5-SP-12	VGA-C5-SP-16
Description:	1 Port VGA	1 Port VGA	4 Port VGA	8 Port VGA	12 Port VGA	16 Port VGA
	Transmitter with Delay Control	Receiver with Delay Control	Splitter over CAT	Splitter over CAT5	Splitter over CAT5	Splitter over CAT5
Input:	1 x VGA 1 x 3.5mm Audio	1 x RJ45	1 x VGA 1 x 3.5mm Audio	1 x VGA 1 x 3.5mm Audio	1 x VGA 1 x 3.5mm Audio	1 x VGA 1 x 3.5mm Audio
Output:	1 x RJ45	1 x VGA 1 x 3.5mm Audio 1 x RCA	4 x RJ45	8 x RJ45	12 x RJ45	16 x RJ45
Resolutions:	Up to 1920x1200 at 300m (1000 feet)					
Video Bandwidth:	350MHz					
Power Supply:	5V 2A DC		5V 2A DC	5V 3A DC	5V 4A DC	5C 4A DC

# Video Converters

## Universal Video Converter with Scaler

### Features:

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant
- Scales up and down VESA compliant formats (VGA and DVI)
- Scales SD/ED/HD video inputs to VESA compliant formats
- PIP and PAP support
- Advanced video processing supports: noise reduction, color management, flesh tone control, dynamic contrast control, closed caption support for CVBS, 3-D deinterlacing, 3:2/2:2 pull down detection and recovery.
- RS-232 Firmware upgradable to guarantee the functionality revised.
- Equivalent to 4x1 video switch
- Video output supports up to WUXGA, UXGA or 1080p
- Dual DVI and VGA outputs
- Internal Timer
- Versatile IR control
- EDID learning



C-SC-UNI

<b>Model:</b>	<b>C-SC-UNI</b>
<b>Description:</b>	Universal Video Converter
<b>Digital Video Bandwidth:</b>	4.95Gbps
<b>Analog Video Bandwidth:</b>	165MHz (Single Link)
<b>Maximum Resolution:</b>	1080p 60Hz / 1920x1200 @ 60Hz
<b>Input:</b>	1 x DVI 1 x CVBS & S-Video HDMI & Component through DVI breakout <b>cable</b>
<b>Output:</b>	1 x DVI VGA through DVI to VGA Adapter
<b>PIP / PAP:</b>	Yes

# Video Converters

## Convert 3G/HD/SD-SDI signal to HDMI

### Features:

- Auto detects 3G/HD/SD-SDI signal
- Supported standard-definition (SD) formats: NTSC @59.94Hz, PAL @50Hz
- Supported high-definition (HD) formats:
- 1080i @50/59.94/60Hz, 1035i @50/59.94/60Hz, 720p @50/59.94/60Hz
- Supported 3G formats(SMPTE 425M, Level A):  
1080p @50/59.94/60Hz (4:2:2), 1080p @24/25/30Hz (4:4:4), 1080i @50/59.94/60Hz (4:4:4),  
720p @24/25/50/59.94/60Hz (4:4:4)
- 2 equalized and re-clocked loop outputs
- External DIP switch configuration



C-3GHDSDI-HDMI

<b>Model:</b>	<b>C-3GHDSDI-HDMI</b>
<b>Description:</b>	3G/ HD/SD-SDI to HDMI Converter
<b>SDI Standards:</b>	SD-SDI, HD-SDI, 3G-SDI
<b>Auto HD/SD-SDI Detection:</b>	Yes
<b>Video Bandwidth:</b>	2.970Gbps, 2.970/1.001Gbps
<b>Video Support:</b>	3G: 1080p @50/59.94/60Hz (4:2:2), 1080p @24/25/30Hz (4:4:4), 1080i @50/59.94/60Hz (4:4:4), 720p @24/25/50/59.94/60Hz (4:4:4) HD: 720p @50/59.94/60, 1035i @50/59.94/60, 1080i @50/59.94/60, 1080p @24/30 SD: NTSC@59.94Hz, PAL@50Hz
<b>Input Signal:</b>	SD-SDI SMPTE 259M HD-SDI SMPTE 292M, 296M 3G-SDI SMPTE 424M / 425M
<b>Output Signal:</b>	HDMI
<b>Output Impedance:</b>	75Ω
<b>Audio Mode:</b>	7.1 / 5.1 / Stereo
<b>Cable Equalization:</b>	3G-SDI: up to 60m (200 ft) HD-SDI: up to 150m (500ft) SD-SDI: up to 300m (1000ft)
<b>Loop Out:</b>	2 equalized and reclocked SDI loop-outs
<b>Audio Support:</b>	Yes
<b>Input:</b>	1 x BNC (SDI)
<b>Output:</b>	1 x HDMI 2 x BNC (SDI)
<b>BNC Connector:</b>	3G 75W inter-locked socket
<b>Power Consumption:</b>	2 Watts (max)

Convert your digital and analog video signals

Converters

# Video Converters

## Convert 3G/HD/SD-SDI signal to HDMI-Mini

### Features:

- Auto detects 3G/HD/SD-SDI signal
- Supported standard-definition (SD) formats: NTSC @59.94Hz, PAL @50Hz
- Supported high-definition (HD) formats:
  - 1080i @50/59.94/60Hz, 1035i @50/59.94/60Hz, 720p @50/59.94/60Hz
- Supported 3G formats(SMPTE 425M, Level A):
  - 1080p @50/59.94/60Hz (4:2:2), 1080p @24/25/30Hz (4:4:4), 1080i @50/59.94/60Hz (4:4:4), 720p @24/25/50/59.94/60Hz (4:4:4)
- 2 equalized and re-clocked loop outputs
- External DIP switch configuration



C-3GHDSDI-HDMI-M

HDSD

<b>Model:</b>	<b>C-3GHDSDI-HDMI-M</b>
<b>Description:</b>	3G/ HD/SD-SDI to HDMI Mini Converter
<b>SDI Standards:</b>	SD-SDI, HD-SDI, 3G-SDI
<b>Auto HD/SD-SDI Detection:</b>	Yes
<b>Video Bandwidth:</b>	2.970Gbps, 2.970/1.001Gbps
<b>Video Support:</b>	3G: 1080p @50/59.94/60Hz (4:2:2), 1080p @24/25/30Hz (4:4:4), 1080i @50/59.94/60Hz (4:4:4), 720p @24/25/50/59.94/60Hz (4:4:4) HD: 720p @50/59.94/60, 1035i @50/59.94/60, 1080i @50/59.94/60, 1080p @24/30 SD: NTSC@59.94Hz, PAL@50Hz
<b>Input Signal:</b>	SD-SDI SMPTE 259M HD-SDI SMPTE 292M, 296M 3G-SDI SMPTE 424M / 425M
<b>Output Signal:</b>	HDMI Mini
<b>Output Impedance:</b>	75Ω
<b>Audio Mode:</b>	7.1 / 5.1 / Stereo
<b>Cable Equalization:</b>	3G-SDI: up to 60m (200 ft) HD-SDI: up to 150m (500ft) SD-SDI: up to 300m (1000ft)
<b>Audio Support:</b>	Yes
<b>Input:</b>	1 x BNC (SDI)
<b>Output:</b>	1 x HDMI 1 x BNC (SDI)
<b>BNC Connector:</b>	3G 75W inter-locked socket
<b>Power Consumption:</b>	2 Watts (max)

Convert your digital and analog video signals

Converters

# Video Converters

Convert HDMI or DVI signal to Component or VGA with Audio

## Features:

- Converts HDMI signal to Component or VGA with Audio
- Converts DVI signal to Component or VGA
- Supports up to 720p / 1080i HD resolution and 1600 x 1200 PC resolution
- Supports both S/PDIF and stereo analog audio outputs
- HDMI 1.2a compliant



C-HDMI-COMPVGA

<b>Model:</b>	<b>C-HDMI-COMPVGA</b>
<b>Description:</b>	<b>HDMI or DVI to Component or VGA Converter</b>
<b>Video Bandwidth:</b>	<b>165MHz</b>
<b>Video Input:</b>	<b>DVI x 1 HDMI x 1</b>
<b>Video Output:</b>	<b>VGA x 1 Component (thorough VGA to Component adapter)</b>
<b>Audio Output:</b>	<b>S/PDIF, Analog Stereo</b>
<b>Resolution:</b>	<b>PC: Up to 1600 x 1200 HD: 1080p for Input, 720p / 1080i for Output</b>
<b>Power Consumption:</b>	<b>6 Watts (max)</b>

Convert your digital and analog video signals

# Converters

# Video Converters

## Convert DVI signal to VGA



C-DVI-VGA

### Features:

- Converts DVI-D signal to VGA
- Compatible with DDWG DVI standards
- Supports VGA, SVGA, XGA, SXGA, UXGA and WUXGA

## Convert analog VGA signal to DVI digital

### Features:

- Converts VGA signal to DVI-D
- Compatible with DDWG DVI standards
- Supports VGA, SVGA, XGA, SXGA and UXGA
- Manual screen control key for various resolutions
- DVI and VGA signal can be output simultaneously



C-VGA-DVI

# Video Converters

## Convert Component signal to VGA

### Features:

- Automatic conversion between component and VGA
- Supports VGA resolution of up to UXGA (1600 x1200)
- Component supports 480p, 576p, 720p resolution
- Buffered VGA output for 60 meters (200 feet) long range transmission
- Supports stereo audio
- Acts as a Converter or Switch
- Easily switch between two input sources by switch button



C-COMP-VGA

<b>Model:</b>	<b>C-COMP-VGA</b>
<b>Description:</b>	Component to VGA Converter / Switch
<b>Video Bandwidth:</b>	400 MHz for VGA 70 MHz for Component
<b>Input Connectors:</b>	VGA x 1 Component x 1 Audio x 2
<b>Output Connectors:</b>	VGA x 2 Audio x 1
<b>Resolution:</b>	Up to 1600 x1200

Convert your digital and analog video signals

Converters

# Video Converters

## Convert DVI signal with digital Audio to HDMI

### Features:

- Converts DVI-D signal with Audio to HDMI
- Supports up to 1080p resolution
- HDMI 1.2a compliant
- Fully compatible with HDCP devices
- Supports both S/PDIF and stereo audio



C-DVIA-HDMI



<b>Model:</b>	<b>C-DVIA-HDMI</b>
<b>Description:</b>	DVI and Digital Audio to HDMI Converter
<b>Video Bandwidth:</b>	1.65 Gbps
<b>Video Input:</b>	DVI-D
<b>Audio Input:</b>	S/PDIF, Stereo Analog Audio
<b>Output Video Signal:</b>	1.2 Volts p-p
<b>Output DDC Signal:</b>	5V p-p (TTL)
<b>Resolution:</b>	Up to 1080p, 1920 x 1200
<b>Power Consumption:</b>	10 Watt (max)

# Video Converters

## Convert HDMI signal to DVI with Audio

### Features:

- Converts HDMI signal to DVI with Audio
- Supports up to 1080p HD resolution|
- HDMI 1.2a compliant
- Fully compatible with HDCP devices
- Includes both S/PDIF and stereo analog audio outputs



C-HDMI-DVIA



<b>Model:</b>	<b>C-HDMI-DVIA</b>
<b>Description:</b>	HDMI to DVI with Audio Converter
<b>Video Bandwidth:</b>	1.65 Gbps
<b>Video Input:</b>	HDMI
<b>Video Output:</b>	DVI
<b>Output Video Signal:</b>	1.2 Volts p-p
<b>Output DDC Signal:</b>	5V p-p (TTL)
<b>Audio Output:</b>	S/PDIF & Analog Stereo
<b>Resolution:</b>	Up to 1080p , 1920 x 1200
<b>Power Consumption:</b>	10 Watt (max)

## Convert Component signal with Audio to HDMI

### Features:

- Convert Component or VGA video with audio to HDMI
- Supports HD resolution of 720p/1080i
- Supports PC resolution of up to 1920 x 1200
- Supports both S/PDIF and stereo analog audio outputs
- HDMI 1.2a compliant



C-COMPVGA-HDMI



<b>Model:</b>	<b>C-COMPVGA-HDMI</b>
<b>Description:</b>	Component / VGA with Audio to HDMI Converter
<b>Video Bandwidth:</b>	1.65 Gbps
<b>Video Input:</b>	VGA x 1 Component (through VGA to Component Adapter)
<b>Video Output:</b>	HDMI x 1
<b>Video Input Signal:</b>	1.2 Volts p-p
<b>Output DDC Signal:</b>	5 Volts p-p (TTL)
<b>Audio Output:</b>	S/PDIF, Analog Stereo (3.5mm jack)
<b>Resolution:</b>	PC: Up to 1920 x 1200 HD: 720p / 1080i
<b>Power Consumption:</b>	10 Watt (max)

Convert your digital and analog video signals

Converters

# Video Converters

## Convert DisplayPort signal to DVI

### Features:

- Compliant with DisplayPort 1.1 specification for both 1.62 and 2.7 Gbps
- Compliant with HDMI 1.3a specifications up to 2.25 Gbps
- Compliant with DVI 1.1 specifications up to 1.62 Gbps
- ESD protect: Human Body Mode at kV, Machine Mode at 400V and Charged Device Mode at 2 kV
- Supports up to UXGA PC resolution and up to 1080p HD resolution
- Standby mode current: 64uA
- Cable link LED indicator



<b>Model:</b>	<b>C-DP-DVI-C</b>
<b>Description:</b>	Display Port Male to DVI Female Adapter
<b>Video Bandwidth:</b>	2.7G Single Link
<b>Video Input:</b>	Display Port 20 pin
<b>Video Output:</b>	DVI 24 pin
<b>Supported Resolution:</b>	PC: VGA, SVGA, XGA, SXGA, UXGA HD: 480i, 480p, 1080i, 1080p

## Connect LCD monitor through USB

### Features:

- Connect up to 6 monitors simultaneously
- Compatible with DVI standards by DDWG
- Supports up to 1280 x1024 resolution
- Ideal solution for laptops
- Clone, extended or primary desktop modes supported



<b>Model:</b>	<b>C-USB-DVI</b>
<b>Description:</b>	USB to DVI Video Adapter
<b>Video Bandwidth:</b>	165MHz
<b>Video Input:</b>	Through USB
<b>Video Output:</b>	DVI-I
<b>Power:</b>	USB bus powered
<b>Resolution:</b>	1280 x1024

# Video Converters

## Convert Component video signal to HD/SD-SDI

### Features:

- High quality 12-bit Analog to Digital conversion
- 3 HD/SD-SDI outputs
- Auto detects HD/SD-SDI signal
- Supported HD formats: 1080i @50/59.94/60Hz, @50/59.94/60Hz, 720p @50/59.94/60Hz
- Supports SD Formats: NTSC @ 59.94Hz, PAL @ 50 Hz
- Equipped with 2 equalized loop outs
- External DIP switch configuration



C-COMP-HSDSI

HDSD

<b>Model:</b>	<b>C-COMP-HSDSI</b>
<b>Description:</b>	Component to HD/SD-SDI Converter
<b>SDI Standards:</b>	SD-SDI & HD-SDI
<b>Auto HD/SD-SDI Detection:</b>	Yes
<b>Video Bandwidth:</b>	1.485Gbps & 1.485/1.001 Gbps
<b>Video Support:</b>	HD: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30
<b>SD:</b>	NTSC@59.94Hz, PAL@50Hz
<b>Input Signal:</b>	Component Video
<b>Output Signal:</b>	SD-SDI: SMPTE 259M HD-SDI: SMPTE 292M, 296M
<b>Output Impedance:</b>	75Ω
<b>Analog /Digital Conversion:</b>	12 bits
<b>Synchronization Mode:</b>	Internal SYNC or External SYNC
<b>Cable Transmission:</b>	HD-SDI: up to 150m (500ft) SD-SDI: up to 300m (1000ft)
<b>Loop Out:</b>	None
<b>Audio Support:</b>	No
<b>Input:</b>	3x BNC (component Y / Pb / Pr) 1x BNC (external sync)
<b>Output:</b>	3 x BNC (SDI)
<b>BNC Connector:</b>	75W inter-locked socket
<b>Power Consumption:</b>	10 Watts (max)

Convert your digital and analog video signals

Converters

# Video Converters

## HD/SD-SDI signal to HDMI / DVI / Component / VGA video signal

### Features:

- High quality 12-bit Digital to Analog conversion
- Supports both SD-SDI and HD-SDI formats
- Auto detects HD/SD-SDI signal
- Supported HD formats: 1080i @50/59.94/60Hz, 1035i @50/59.94/60Hz, 720p @50/59.94/60Hz
- Supports SD Formats: NTSC @ 59.94Hz, PAL @ 50 Hz
- Equipped with 2 equalized loop outs
- External DIP switch configuration



C-HDSDI-HDMI

HDSD

<b>Model:</b>	<b>C-HDSDI-HDMI</b>
<b>Description:</b>	Component to HD/SD-SDI Converter
<b>SDI Standards:</b>	SD-SDI & HD-SDI
<b>Auto HD/SD-SDI Detection:</b>	Yes
<b>Video Bandwidth:</b>	1.485Gbps & 1.485/1.001 Gbps
<b>Video Support:</b>	HD: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30 SD: NTSC@59.94Hz, PAL@50Hz
<b>Input Signal:</b>	SD-SDI: SMPTE 259M HD-SDI: SMPTE 292M, 296M
<b>Output Signal:</b>	HDMI (video only) VGA Component (through VGA to Component Adapter)
<b>Output Impedance:</b>	75Ω
<b>Analog /Digital Conversion:</b>	12 bits
<b>Synchronization Mode:</b>	<b>Internal SYNC or External SYNC</b>
<b>Cable Transmission:</b>	HD-SDI: up to 150m (500ft) SD-SDI: up to 300m (1000ft)
<b>Loop Out:</b>	None
<b>Audio Support:</b>	No
<b>Input:</b>	BNC x 1 (SDI)
<b>Output:</b>	HDMI/DVI x 1 Component x 1 (through VGA to Component Adapter) BNC x 2 (SDI)
<b>BNC Connector:</b>	75W inter-locked socket
<b>Power Consumption:</b>	10 Watts (max)

# Video Processor

**Display video signal from two different video sources on a single screen**

## Features:

- Advanced video processor displays from two video sources simultaneously on one screen
- Accepts both DVI and VGA inputs
- Supports up to 1920 x 1200 resolution
- Supports PIP, PAB, Full Screen modes
- Titles, borders and colored background
- Resize, position, zoom & pan and blend output video
- Can be cascaded to add more sources|
- Image parameters and layouts are automatically saved in flash memory
- Ability to load image parameters and layouts from a PC
- User scalable output settings|
- Can be used as video screen splitter, video converter or video switcher
- Control basic functionality via IR Remote Control or advanced functionality via RS232 port
- Automatic power saving mode option



<i>Model:</i>	<i>DVI-SPLITPRO-2</i>	<i>DVI-SPLITPRO-2B</i>
<b>Description:</b>	Dual Screen Video Image Processor	Dual Screen Video Image Processor
<b>Video Bandwidth:</b>	DVI Single Link - 4.95Gbps VGA - 165 MHz Component - 30 MHz Composite - 13.5 MHz	DVI Single Link - 4.95Gbps - Component - 30 MHz Composite - 13.5 MHz
<b>Supported Resolutions</b>	480i / 480p / 720p / 1080i / 1080p (60) / 1920x1200@75 / 1600x1200@60	480i / 480p / 720p / 1080i / 1080p (60) / 1920x1200@75 / 1600x1200@60
<b>Audio Support:</b>	No	No
<b>Control:</b>	RS232 & IR	RS232 & IR
<b>Embedded Video Mixer:</b>	Yes	Yes
<b>Ability to Cascade:</b>	Yes	Yes
<b>Input TMD5 Signal:</b>	1.2 Volts (peak - peak)	1.2 Volts (peak - peak)
<b>ESD Protection:</b>	Human body model - ± 15kV (air gap discharge) & ±8kV (contact discharge)	Human body model - ± 15kV (air gap discharge) & ±8kV (contact discharge)
<b>Input:</b>	VGA x 1 DVI x 1 Composite x 1 RS232 x 1	DVI x 2 Composite x 1 RS232 x 1
<b>Output:</b>	DVI x 1	DVI x 1
<b>DVI Connector Type:</b>	DVI-I (29-Pin female)	DVI-I (29-Pin female)
<b>VGA Connector Type:</b>	HD-15 (15-pin D-sub female)	HD-15 (15-pin D-sub female)
<b>RS232 Connector:</b>	DE-9 (9-pin D-sub female)	DE-9 (9-pin D-sub female)
<b>RCA Connector:</b>	75Ω	75Ω
<b>RJ45 Connector:</b>	WE/SS 8P8C with 2 LED indicators	WE/SS 8P8C with 2 LED indicators
<b>IR Remote Control:</b>	Yes	Yes
<b>Power Consumption:</b>	10 Watts (max)	10 Watts (max)

Display multiple sources to single display

Processors

# Video Processor

## Display video signal from four different video sources on a single screen

### Features:

- Advanced video processor displays from four video sources simultaneously on one screen
- Accepts both DVI and VGA inputs
- Supports up to 1920 x 1200 resolution
- Supports PIP, PAB, Full Screen modes
- Titles, borders and colored background
- Resize, position, zoom & pan and blend output video
- Can be cascaded to add more sources
- Image parameters and layouts are automatically saved in flash memory
- Ability to load image parameters and layouts from a PC
- User scalable output settings
- Can be used as video screen splitter, video converter or video switcher
- Control basic functionality via IR Remote Control or advanced functionality via RS232 port
- Automatic power saving mode option



DVI-SPLITPRO-4



Display multiple sources to single display

Processors

<b>Model:</b>	<b>DVI-SPLITPRO-4</b>
<b>Description:</b>	Quad Screen Video Image Processor
<b>Video Bandwidth:</b>	DVI Single Link - 4.95Gbps VGA - 165 MHz Component - 30 MHz Composite - 13.5 MHz
<b>Supported Resolutions:</b>	480i / 480p / 720p / 1080i / 1080p (60) / 1920x1200@75 / 1600x1200@60
<b>Audio Support:</b>	No
<b>Control:</b>	RS232 & IR
<b>Embedded Video Mixer:</b>	Yes
<b>Ability to Cascade:</b>	Yes
<b>Input TMDS Signal:</b>	1.2 Volts (peak - peak)
<b>ESD Protection:</b>	Human body model - ± 15kV (air gap discharge) & ±8kV (contact discharge)
<b>Input:</b>	VGA x 1 DVI x 3 Composite x 1 RS232 x 1
<b>Output:</b>	DVI x 1
<b>DVI Connector Type:</b>	DVI-I (29-Pin female)
<b>VGA Connector Type:</b>	HD-15 (15-pin D-sub female)
<b>RS232 Connector:</b>	DE-9 (9-pin D-sub female)
<b>RCA Connector:</b>	75Ω
<b>RJ45 Connector:</b>	WE/SS 8P8C with 2 LED indicators
<b>IR Remote Control:</b>	Yes
<b>Power Consumption:</b>	35 Watts (max)

# Video Wall Processor

## 4 Display Video Wall Processor

### Features:

- Four DVI outputs from 640x480 to 1920x1200|
- Each DVI output has an independent controllable display area.
- Can be cascaded to display on up to 256 screens.
- PIP, PAB, Full screen modes and adjustable size & position through software.
- Titles, borders and single color background.
- Resize, position, flip, zoom& pan and blend output video.
- Image parameters and layouts are automatically saved in memory and can be recalled for later use.
- Several Image parameters and layouts can be saved in computers and can be loaded for later use.
- Video parameters adjustable (brightness, contrast, color temperature, etc.).
- User-selectable output settings, up to 1920x1200.
- Built-in factory reset switch
- Software control through RS-232.
- System control over IP



DVI-VIDEOWALL-4

<b>Model:</b>	<b>DVI-VIDEOWALL-4</b>
<b>Description:</b>	4 Display Dual Image Video Wall Processor
<b>Output Displays:</b>	4
<b>Dual Output Support:</b>	Yes (DVI & VGA)
<b>Video Loop Out:</b>	Yes
<b>Video Bandwidth:</b>	DVI Single Link - 4.95Gbps    VGA - 165 MHz Component - 30 MHz    Composite - 13.5 MHz
<b>Supported Resolutions:</b>	480i / 480p / 720p / 1080i / 1080p (60) / 1920x1200@75 / 1600x1200@60
<b>Control:</b>	RS232 / RS485
<b>Embedded Video Mixer:</b>	Yes (Dual View)
<b>Ability to Cascade:</b>	Yes ( up to 255 units)
<b>Input TMDs Signal:</b>	1.2 Volts (peak – peak)
<b>ESD Protection:</b>	Human body model - ± 15kV (air gap discharge) & ±8kV (contact discharge)
<b>Input:</b>	VGA x 1    DVI x 1 Component x 1 (through VGA to Component Adapter) Composite x 1    RS232 x 1    RS485 x 1
<b>Output:</b>	DVI x 5    VGA x 4 (through VGA to DVI Adapter)
<b>DVI Connector Type:</b>	DVI-I (29-Pin female, digital only)
<b>VGA Connector Type:</b>	HD-15 (15-pin D-sub female)
<b>RS232 Connector:</b>	DE-9 (9-pin D-sub female)
<b>RCA Connector:</b>	75Ω
<b>RJ45 Connector:</b>	WE/SS 8P8C with 2 LED indicators
<b>Size:</b>	2U Rack-mount
<b>Power Supply:</b>	AC 100-240V
<b>Power Consumption:</b>	40 Watts (max)

Display multiple sources to single display

Processors

# Video Wall Processor

## 9 Display Video Wall Processor

### Features:

- 9 DVI outputs from 640x480 to 1920x1200
- Each DVI output has an independent controllable display area.
- Can be cascaded to display on up to 256 screens.
- PIP, PAB, Full screen modes and adjustable size& position through software.
- Titles, borders and single color background.
- Resize, position, flip, zoom& pan and blend output video.
- Image parameters and layouts are automatically saved in memory and can be recalled for later use.
- Several Image parameters and layouts can be saved in computers and can be loaded for later use.
- Video parameters adjustable (brightness, contrast, color temperature, etc.).
- User-selectable output settings, up to 1920x1200.
- Built-in factory reset switch



DVI-VIDEOWALL-9



<b>Model:</b>	<b>DVI-VIDEOWALL-9</b>
<b>Description:</b>	9 Display Dual Image Video Wall Processor
<b>Output Displays:</b>	9
<b>Dual Output Support:</b>	Yes (DVI & VGA)
<b>Video Loop Out:</b>	Yes
<b>Video Bandwidth:</b>	DVI Single Link - 4.95Gbps VGA - 165 MHz Component - 30 MHz Composite - 13.5 MHz
<b>Supported Resolutions:</b>	480i / 480p / 720p / 1080i / 1080p (60) / 1920x1200@75 / 1600x1200@60
<b>Control:</b>	RS232 / RS485
<b>Embedded Video Mixer:</b>	Yes (Dual View)
<b>Ability to Cascade:</b>	Yes ( up to 255 units)
<b>Input TMDS Signal:</b>	1.2 Volts (peak – peak)
<b>ESD Protection:</b>	Human body model - ± 15kV (air gap discharge) & ±8kV (contact discharge)
<b>Input:</b>	VGA x 1 DVI x 1 Component x 1 (through VGA to Component Adapter) Composite x 1 RS232 x 1 RS485 x 1
<b>Output:</b>	DVI x 10 VGA x 9 (through VGA to DVI Adapter)
<b>DVI Connector Type:</b>	DVI-I (29-Pin female, digital only)
<b>VGA Connector Type:</b>	HD-15 (15-pin D-sub female)
<b>RS232 Connector:</b>	DE-9 (9-pin D-sub female)
<b>RCA Connector:</b>	75Ω
<b>RJ45 Connector:</b>	<b>WE/SS 8P8C with 2 LED indicators</b>
<b>Size:</b>	2U Rack-mount
<b>Power Supply:</b>	AC 100-240V
<b>Power Consumption:</b>	40 Watts (max)

Display multiple sources to single display

Processors

# Video Splitters

## Split 1 DVI source to 2 DVI displays

### Features:

- Split 1 DVI-D source and display on 2 DVI monitors / TV / projectors
- Supports both PC monitor and HDTV display by function switch
- Supports HDCP compliant devices
- Compatible with DVI standard by DDWG
- Supports 480i, 480p, 720p and 1080i HD resolution
- Supports up to WUXGA (1920 x 1200) PC resolution



SPLIT-DVI-2



<b>Model:</b>	<b>SPLIT-DVI-2</b>
<b>Description:</b>	1 Input 2 Output DVI Splitter
<b>Input Chanel:</b>	1
<b>Output Channel:</b>	2
<b>Connector Type:</b>	DVI-D
<b>Supported Resolutions:</b>	HDTV: 480i, 480p, 720i, 720p, 1080i PC: Supports up to WUXGA (1920x1200)

## Split 1 DVI source to 5 DVI displays

### Features:

- Split 1 DVI-D source and display on 5 DVI monitors / TV / projectors
- Supports both PC monitor and HDTV display by function switch
- Supports HDCP compliant devices
- Compatible with DVI standard by DDWG
- Supports 480i, 480p, 720p and 1080i HD resolution
- Supports up to WUXGA (1920 x 1200) PC resolution



SPLIT-DVI-5



<b>Model:</b>	<b>SPLIT-DVI-5</b>
<b>Description:</b>	1 Input 5 Output DVI Splitter
<b>Input Chanel:</b>	1
<b>Output Channel:</b>	5
<b>Connector Type:</b>	DVI-D
<b>Supported Resolutions:</b>	HDTV: 480i, 480p, 720i, 720p, 1080i PC: Supports up to WUXGA (1920x1200)

# Video Splitters

## 1 Input 4 Output HD/SD Dual Data Distribution Amplifier

### Features:

- 1 input 4 output HD/SD distribution amplifier
- 4 separately buffered outputs
- HD cable equalization (Beldon 1694A)
- Passes all ancillary data
- Provides automatic input cable equalization up to 300 meters (1000 feet)



SPLIT-HSDSI-4

HDSD

Model:	SPLIT-HSDSI-4	SPLIT-HSDSI-4-RS
Description:	4 Port HD/SD-SDI Video Splitter	4 Port HD/SD-SDI Video Splitter with Reclocking
Standards:	SD-SDI & HD-SDI	
Auto HD/SD-SDI Detection:	Yes	
Supported Protocols:	SMPTE 259M, SMPTE 292M / HDTV (1.485Gbps and 1.485/1.001Gbps)	
Video Bandwidth:	1.485Gbps & 1.485/1.001Gbps	
Data Rates:	270 / 1483 / 1485 Mbps	
Supported Video:	HD: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30 SD: NTSC@59.94Hz, PAL@50Hz	
SDI Signal Type:	SMPTE-292M, SMPTE-259M	
Cable Equalization:	HD-SDI: up to 150m (500ft) SD-SDI: up to 300m (1000ft)	
Reclocking Function:	No	Yes
Input Connectors:	BNC x 1 (SDI)	
Output Connectors:	BNC x 4 (SDI)	
Eye Pattern Characteristics:	Amplitude: Within 800mV ±3% (<10%) Rise overshoot: Less than 2% (<10%) Fall overshoot: Less than 2% (<10%) Long time jitter: 0.195µ (<1.0µ) Timing jitter: 0.195µ (<1.0µ) Alignment jitter: 0.127µ (<0.2µ)	
Power Consumption:	10 Watts (max)	

# Video Splitters

## 1 Input 6 Output HD/SD Dual Data Distribution Amplifier

### Features:

- 1 input 6 output HD/SD distribution amplifier
- 6 separately buffered outputs
- HD cable equalization (Beldon 1694A)
- Passes all ancillary data
- Provides automatic input cable equalization up to 300 meters (1000 feet)



HDSD

Model:	SPLIT-HSDSI-6	SPLIT-HSDSI-6-RS
Description:	6 Port HD/SD-SDI Video Splitter	6 Port HD/SD-SDI Video Splitter with Reclocking
Standards:	SD-SDI & HD-SDI	
Auto HD/SD-SDI Detection:	Yes	
Supported Protocols:	SMPTE 259M, SMPTE 292M / HDTV (1.485Gbps and 1.485/1.001Gbps)	
Video Bandwidth:	1.485Gbps & 1.485/1.001Gbps	
Data Rates:	270 / 1483 / 1485 Mbps	
Supported Video:	HD: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30 SD: NTSC@59.94Hz, PAL@50Hz	
SDI Signal Type:	SMPTE-292M, SMPTE-259M	
Cable Equalization:	HD-SDI: up to 150m (500ft) SD-SDI: up to 300m (1000ft)	
Reclocking Function:	No	Yes
Input Connectors:	BNC x 1 (SDI)	
Output Connectors:	BNC x 6 (SDI)	
Eye Pattern Characteristics:	Amplitude: Within 800mV $\pm$ 3% (<10%) Rise overshoot: Less than 2% (<10%) Fall overshoot: Less than 2% (<10%) Long time jitter: 0.195 $\mu$ (<1.0 $\mu$ ) Timing jitter: 0.195 $\mu$ (<1.0 $\mu$ ) Alignment jitter: 0.127 $\mu$ (<0.2 $\mu$ )	
Power Consumption:	10 Watts (max)	

Splitters to meet the demands of professional broadcasting

# Splitters

# Video Matrix Switches

## Switch VGA signal with Audio between 5 sources and 5 displays

### Features:

- Broadcasts the audio and video outputs from five computers to five monitors and speakers
- Up to 5 Graphics/Video Inputs (appropriate adapters are required)
- Supports video bandwidth up to 400 MHz
- Any one of the inputs can be broadcasted to any or all of the outputs
- Built-in video signal amplifier for up to 65m (210-ft) long transmission
- 3.5mm audio outputs to drive either speakers or earphones
- Multiple control by IR remote, push button, and RS-232 control



SW-VGA-5X5



<b>Model:</b>	<b>SW-VGA-5X5</b>
<b>Description:</b>	5 Input 5 Output VGA Matrix Switch
<b>Supported Input / Output:</b>	VGA / Component
<b>Video Bandwidth:</b>	400 MHz
<b>Supported Resolutions:</b>	1080p60, WUXGA (1920x1200@60) & UXGA (1600x1200@60)
<b>Audio Support:</b>	Analog Stereo
<b>Input:</b>	VGA x 5 (Component through VGA to Component Adapter) 3.5mm Analog Audio x 5 RS232 x 1
<b>Output:</b>	VGA x 5 3.5mm Analog Audio x 5
<b>VGA Connector Type:</b>	HD-15 (15-pin D-sub female)
<b>RS232 Connector:</b>	DE-9 (9-pin D-sub female)
<b>Audio Connector:</b>	3.5mm Jack
<b>Input Selection:</b>	IR Remote / Push Button / RS232
<b>Power Supply:</b>	5V 4A DC
<b>Power Consumption:</b>	13 Watts (max)

# Video Matrix Switches

## Switch and Display 4 or 8 HDMI 1.3 Signals to 4 or 8 HDMI Displays

### Features:

- HDMI 1.3c compliant
- HDCP compliant
- Allows any source to be displayed on multiple displays at the same time
- Allows any HDMI display to view any HDMI source at any time
- Supports 7.1 channel digital audio
- Supports default HDMI EDID and learns the EDID of displays
- The matrix switch can switch every output channels to any HDMI inputs by push button, IR remote control, or RS-232 control



SW-HDMI-4X4



Model:	SW-HDMI-4X4	SW-HDMI-8X8
Description:	4X4 HDMI Matrix Switch	8X8 HDMI Matrix Switch
HDMI Compliance:	1.3c	
HDCP Compliance:	Yes	
Video Bandwidth:	Single Link 340MHz (6.75Gbps)	
Supported Video:	480p / 720p / 1080i / 1080p	
Audio Support:	Surround Sound (up to 7.1 channel) or Stereo Digital Audio	
Input:	4 x HDMI 1 x RS232	8 x HDMI 1 x RS232
Output:	4 x HDMI	8 x HDMI
HDMI Input Selection:	Push Button / IR Remote / RS232	
Power Supply:	5V 6A DC	
Power Consumption:	20 Watts (max)	25 Watts (max)

Splitters to meet the demands of professional broadcasting

**Splitters**

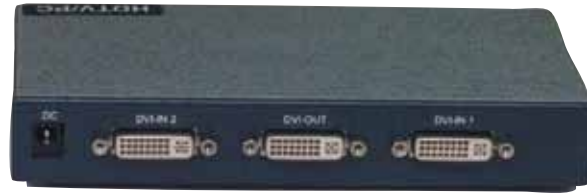
# Video Matrix Switches

Switch your digital content source to single or multiple displays

## Switch and Display 4 DVI Signals to 2 DVI Displays

### Features:

- Select a DVI graphic source from multi sources by data communication software.
- Multi Input and Multi Output
- Auto and Manual mode select
- Uses standard DVI-I connection
- Flexibly increase number of channel by multi step connection
- HDCP compliant



SW-DVI-4X2

<b>Model:</b>	<b>SW-DVI-4X2 (DVI Matrix Switch)</b>
<b>Supported Input / Output:</b>	DVI
<b>Video Bandwidth:</b>	1.65 Gbps
<b>Resolutions:</b>	1280 x 1024
<b>Input Connectors:</b>	4 x DVI
<b>Output Connectors:</b>	2 x DVI
<b>DVI Connector:</b>	DVI-I 24 pin
<b>Weight:</b>	2 lbs
<b>Power Consumption:</b>	4.0 Watts (max)



## Switch and Display 16 DVI Signals to 16 DVI Displays

### Features:

- Supports 16 DVI-D input channel and 16 DVI-D output channels
- The EDID parameter of the monitor can be preset or default. Power OFF status protection.
- Last operation parameters are saved in NVRAM
- Input signal monitor and indication
- Output load monitor and indication
- Supports RS232 control
- Supports Network control based on TCP/IP
- Supports Web control
- Embedded circuit in device to generate signals for testing and debugging systems



<b>Model:</b>	<b>SW-DVI-16x16</b>
<b>Input Connector:</b>	DVI-D x 16
<b>Output Connector:</b>	DVI-D x 16
<b>Network Connector:</b>	RJ45
<b>RS232 Connector:</b>	DB9 Male
<b>Input Resolution:</b>	1600x1200x60Hz
<b>Supported Input Signal:</b>	DVI 1.0
<b>Supported Output Signal:</b>	Same as Input Standard
<b>Pixel Clock Frequency:</b>	24MHz – 165MHz
<b>Control Options:</b>	RS232 or TCP/IP – 10M
<b>Power Supply:</b>	AC 180V ~ 250V 50Hz
<b>Max Output Current of Each Channel:</b>	100mA
<b>Power Consumption:</b>	< 40W
<b>Dimension (mm):</b>	483x133x305 (3U Rack)



Switches

# Video Switches

## Switch HD/SD-SDI signal between 8 Sources and up to 2 Displays

### Features:

- 8 Port HD/SD-SDI Switch
- 8 equalized & re-timing SDI Inputs
- Dual color LED indication of HD/SD of the output SDI
- Automatic detection of the SDI input
- Sync In/OUT
- Low cost 8X1 HD/SD & 8X2 HD/SD (dual rate) switch with dual outputs
- Provides the equalized transmission path up to 300m (1000 feet) for HD cases
- Multiple control by RS232, IR remote and Push button



SW-HSDSI-8X1

HDSO

Model:	SW-HSDSI-8X1	SW-HSDSI-8X2
SDI Standards:	SD-SDI HD-SDI	
Auto HD/SD-SDI Detection:	Yes	
Supported Protocols:	SMPTE 259M / SMPTE 292M	
Video Bandwidth:	Single Link: 1.485Gbps & 1.485 / 1.002 Gbps	
Data Rates:	143 / 270 / 1483 / 1485 Mbps	
Video Support:	HD: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30 SD: NTSC@59.94Hz, PAL@50Hz	
Output Impedance:	75Ω	
Cable Equalization:	HD-SDI: up to 150m SD-SDI: up to 300m	
Loop Out:	Synchronized BNC loop-out at input and output	
Audio Support:	Yes	
Input:	8 x BNC (SDI)	
Output:	1 x BNC (SDI)	2 x BNC (SDI)
BNC Connector:	75Ω inter-locked socket	
Eye Pattern Characteristics:	Amplitude: Within 800mV ±3% (<10%) Rise overshoot: Less than 2% (<10%) Fall overshoot: Less than 2% (<10%) Long time jitter: 0.195μ (<1.0μ) Timing jitter: 0.195μ (<1.0μ) Alignment jitter: 0.127μ (<0.2μ)	
Power Supply:	5V 4A DC	
Power Consumption:	10 Watts (Max)	

# Video Switches

Switch your digital content source to single or multiple displays

Switches

## Switch between 4 / 8 VGA signal with Audio on 1 Display

### Features:

- VGA/component/S-video/composite switch with 350MHz bandwidth
- Up to 8 graphics/video inputs
- Automatic detection of the VGA/component input
- Amplified video output with transmission length up to 65m (210-ft)
- Multiple control by IR remote, push button, and RS-232 control
- 1U rack mountable



VGA-VS-4X1



<b>Model:</b>	<b>VGA-VS-4X1</b>	<b>VGA-VS-8X1</b>
<b>Supported Input/ Output:</b>	VGA Component (through VGA to Component Adapter)	
<b>Video Bandwidth:</b>	350MHz	
<b>Supported Video:</b>	HD: 1080p60 SD: WUXGA (1920x1200@60) & UXGA (1600x1200@60)	
<b>Transmission:</b>	HD (720p / 1080i) – 65meters (210 feet)	
<b>Audio Support:</b>	Analog Stereo	
<b>Input:</b>	VGA x 4 3.5mm Analog Audio x 4 RS232 x 1	VGA x 8 3.5mm Analog Audio x 8 RS232 x 1
<b>Output:</b>	VGA x 1 3.5mm Analog Audio x 1	
<b>VGA Connector:</b>	HD-15 (15-pin D-sub female)	
<b>RS232 Connector:</b>	DE-9 (9-pin D-sub female)	
<b>Audio Connector:</b>	3.5mm Analog Audio Jack	
<b>Input Selection:</b>	IR Remote / Push Button / RS232 Control	
<b>Power Supply:</b>	5V 4A DC	
<b>Power Consumption:</b>	7 Watts (max)	13 Watts (max)

# Avenview

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