



the connectivity specialists™
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EAST: 30727 Beverly RD, Romulus, MI 48174 **PHONE** (734) 641-6700 **FAX** (734) 641-6767
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CAT5e/6 EXTENDERS

A / V

EXTENDER SOLUTIONS

HDMI • DVI • VGA • USB • AUDIO • RCA • S-VIDEO • COMPOSITE
DIRECT-PLUG • WALLMOUNT • WALLPLATE

HDMI CAT5E EXTENDER

60 Meters FullHD HDMI/HDCP 720p/1080p over CAT5e/6/RJ45
SKU: HD-C5S



VGA CAT5E EXTENDER

80 Meters VGA/QXGA over CAT5/RJ45
SKU: VC5-1P



USB CAT5E EXTENDER

USB over CAT5/6 Active Repeater for Up to 200ft
SKU: USB-C5E



DVI CAT5E EXTENDER

130ft DVI-D over CAT5/6/RJ45
SKU: MDVI-C5



VGA CAT5E EXTENDER

180 Meters VGA/QXGA CAT5/RJ45
SKU: VGA-C5E



VGA CAT5E EXTENDER

180 Meters VGA/QXGA with Stereo Audio over CAT5/RJ45
SKU: VAC5-E



Providing connectivity solutions through distributors, VARs, integrators and OEMs.

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HDMI INSTALLATION

WITH 3D & DVI MODE RJ45 ACTIVE EXTENDERS

HDMI SINGLE CAT5E/6 EXTENDER

HDMI & HDCP Compliant, 225MHz, 3D
SKU: HD-C554

RESOLUTION: 1080P @ 60Hz UP TO 40METERS
1080i @ 60Hz UP TO 60METERS

Extends HD signal up to 60 meters (200ft). Using a single CAT5e/CAT6 cable allows the most flexibility during installation. Supports 3D, Deep Color up to 36bit, EDID learning capability, DTS-HD & Dolby TrueHD digital audio. It has cable skew adjustment for optimization.

Includes transmitter & receiver and universal locking power adaptors.



With CAT5e or CAT6 cabling installed everywhere and digital has shown itself as a major player on the installation battlefield, we see the demand to offer solutions that meet those needs.

That is why we are excited to offer our new line of HDMI over RJ45 active extenders. These HDMI Single-CAT5e/6 Extender's DVI mode will support PC resolution up to 2048x1536 @ 85Hz.

HDMI SINGLE CAT5E/6 EXTENDER WITH IR

HDMI & HDCP Compliant, 225MHz, 3D
SKU: HD-C554IR

RESOLUTION: 1080P @ 60Hz UP TO 40METERS
1080i @ 60Hz UP TO 60METERS

Extends HD signal up to 60 meters (200ft) using a single CAT5e/CAT6 cable. Bi-directional IR control provides full bandwidth support from 20KHz to 60KHz allows to control both source or display device remotely. Supports 3D, Deep Color up to 36bit, EDID learning capability, DTS-HD & Dolby TrueHD digital audio.

Includes transmitter & receiver modules, Infra-Red control modules, and universal locking power adaptor.



HDMI PORTABLE PATTERN GENERATOR

HDMI 1080p, 225MHz
SKU: VPG-H

RESOLUTION: HDTV, UP TO 1080P
PC, UP TO 1920x1200

VPG-H is a high-resolution video test pattern generator. It has 48 different resolutions from 640x350 to 1920x1200 to HDTV's 1080p, 36 different patterns and easy-to-use push-button OSD menu control thru 16x2 LCD screen. It has native DVI mode, HDCP signal tester, built-in audio, & re-chargeable battery that allows continuous usage up to 8 hours.

HDMI, HDCP 1.2 & DVI 1.0 compliant

REV.2



HDMI SINGLE CAT5E/6 EXTENDER WITH IR/SERIAL

HDMI & HDCP Compliant, 225MHz, 3D
SKU: HD-C554P

RESOLUTION: 1080P @ 60Hz UP TO 40METERS
1080i @ 60Hz UP TO 60METERS

Extends HD signal up to 60 meters (200ft) using a single CAT5e/CAT6 cable. RS232 and bi-directional IR control with full bandwidth support from 20KHz-60KHz allows to control both source or display device remotely. Supports 3D, Deep Color up to 36bit, EDID learning capability, DTS-HD & Dolby TrueHD digital audio.

Includes transmitter & receiver modules, Infra-Red control modules, and universal locking power adaptor.



HDMI Audio/Video CAT5e Extender

SKU: HD-C554



What does it do?

Twisted pair extenders allow long distance distribution of audio & video using inexpensive CAT5e cables. This CAT5e active extender transmits audio & video with HDCP up to 200ft @ 1080i & 130ft @ 1080p 60Hz. Allows cascading and uses only one CAT5e/6 cable.

HDMI 3D 1xCAT5e Ext. Kit



Connects any PS3, Blu-Ray, Xbox, HD-DVD or DVD player to HDTV including 120/240Hz, flat panel, or projector with HDMI port. Single CAT5e/6 design provides greater flexibility during installations. Recommended for satellite and cable-TV set-top receivers.

SUPPORTS
3D
HDTV &
BLU-RAY

Features:

- Supports all HDMI 3D formats
- 225MHz bandwidth and extends up to 200ft
- Provides CAT5e skew compensation up to 8 levels*
- Deep Color video with EDID learning capability
- DTS-HD & Dolby TrueHD multi-channel digital audio
- Built-in mounting flange for secured installations
- Includes transmitter, receiver and mounting screws
- Includes universal 100v-240v locking power adaptors

* Skew equalization provides optimal signal boost and reduce interference.

* Supports 720p & 1080i at distance up to 200ft (60Meters), and 1080p @ 60Hz at distance up to 130ft (40Meters).

Specifications

HD-C554	0 37229 00797 8
Signal Type	720p, 1080i, 1080p @ 60Hz
Video Bandwidth	225 MHz (6.75 Gbps)
Connectors	HDMI 19Pin / RJ45
HDCP/DDC Compatibility	Yes
Deep Color Support	Up to 36bit
TMDS Input Voltage	1.2v (peak-to-peak)
DDC Input Voltage	5v (peak-to-peak)
CAT5e Cable Skew Equalizer	8 Levels
Power Supply	5v 2A DC, Transmitter/Receiver
Operating Temperature	32 to 131°F
Standard	HDMI, HDCP 1.1, RoHS
Warranty	One Year

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2731 Crimson Canyon Drive
Las Vegas, NV 89128

East (1-800-622-9606)

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HDMI Audio/Video CAT5e Extender

SKU: HD-C5S4IR



What does it do?

Twisted pair extenders allow long distance distribution of IR, audio & video using inexpensive CAT5e cables. This CAT5e active extender transmits audio & video with HDCP up to 200ft @ 1080i & 130ft @ 1080p 60Hz. **Built-in pass-thru IR control allows you to manage connected devices remotely.**

HDMI 3D 1xCAT5e Ext. Kit

Built-in Universal Bi-Directional IR Control



SUPPORTS
3D
HDTV &
BLU-RAY

Connects any PS3, Blu-Ray, Xbox, HD-DVD or DVD player to HDTV including 120/240Hz, flat panel, or projector with HDMI port. **Single CAT5e/6 design provides greater flexibility during installations.** Recommended for satellite and cable-TV set-top receivers.

Specifications

HD-C5S4IR	0 37229 00799 2
Signal Type	720p, 1080i, 1080p @ 60Hz
Video & IR Bandwidth	225MHz (6.75Gbps) / 20-60KHz
Connectors	HDMI 19Pin / RJ45 / 3.5mm IR
HDCP/DDC Compatibility	Yes
Deep Color Support	Up to 36bit
TMDS Input Voltage	1.2v (peak-to-peak)
DDC Input Voltage	5v (peak-to-peak)
CAT5e Cable Skew Equalizer	8 Levels
Power Supply	5v 2A DC, Transmitter/Receiver
Operating Temperature	32 to 131°F
Standard	HDMI 3D, HDCP 1.1, RoHS
Warranty	One Year

Features:

- Supports all HDMI 3D formats
- Manage both source device and display with IR*
- 225MHz bandwidth and extends up to 200ft
- Provides CAT5e skew compensation up to 8 levels*
- Deep Color video with EDID learning capability
- DTS-HD & Dolby TrueHD multi-channel digital audio
- Built-in mounting flange for secured installations
- Includes transmitter, receiver and mounting screws
- Includes a set of infra-red blaster and receiver modules
- Includes universal 100v-240v locking power adaptors

* Skew equalization provides optimal signal boost and reduce interference.

* Must purchase additional set of IR to control both source and display (HD-CSIRB-TR)

* Supports 720p & 1080i at distance up to 200ft (60Meters) and 1080p @ 60Hz at distance up to 130ft (40Meters).

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Audio & Video IR CAT5e Extender

SKU: HD-C5S4P



What does it do?

Twisted pair extenders allow long distance distribution of IR, RS232 serial, audio & video using inexpensive CAT5e cables. This single CAT5e active extender transmits audio & video with HDCP up to 200ft @ 1080i & 130ft @ 1080p 60Hz.

HDMI 3D 1xCAT5e Ext. Kit

Built-in Serial & Universal Bi-Directional IR Control



SUPPORTS
3D
HDTV & BLU-RAY

Connects any PS3, Blu-Ray, Xbox 360, HD-DVD or DVD player to HDTV including 120/240Hz, flat panel, or projector with HDMI port. **Built-in pass-thru IR control & RS232** allow management of connected devices remotely. Serial port offers convenient path for interactive application such as touch panels. Recommended for satellite and cable-TV set-top receivers.

Specifications

HD-C5S4P	0 37229 00696 4
Signal Type	720p, 1080i, 1080p @ 60Hz
Video & IR Bandwidth	225MHz(6.75 Gbps) / 20-60KHz
RS232 Serial	Bi-directional, Up to 57600bps
Connectors	HDMI 19Pin/RJ45/3.5mm IR/DB9
Deep Color Support	Up to 36bit
TMDS Input Voltage	1.2v (peak-to-peak)
DDC Input Voltage	5v (peak-to-peak)
HDCP/DDC & CEC Compatibility	Yes
Power Supply	5v 2A DC, Transmitter/Receiver
Operating Temperature	32 to 104°F
Standard	HDCP, HDMI 1.3c, RoHS
Warranty	One Year

Features:

- Supports all HDMI advanced 3D formats
- Manage both source device & display with IR & RS232
- 225MHz bandwidth and extends up to 200ft
- Provides CAT5e skew compensation up to 8 levels*
- Deep Color video with Auto EDID Learning capability
- DTS-HD & Dolby TrueHD multi-channel digital audio
- Built-in mounting flange for secured installations
- Includes transmitter, receiver and mounting screws
- Includes a set of infra-red blaster and receiver modules
- Includes universal 100v-240v locking power adaptors

* Skew equalization provides optimal signal boost and reduces interference.
* Supports 720p & 1080i at distance up to 200ft (60Meters) and 1080p @ 60Hz at distance up to 130ft (40Meters).

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HDMI INSTALLATION

RJ45 ACTIVE EXTENDERS 3D*

HDMI DUAL CAT5E/6 EXTENDER

HDMI & HDCP Compliant, 225MHz, 3D*
SKU: HD-C5

RESOLUTION: 1080P @ 60Hz UP TO 40METERS
1080i @ 60Hz UP TO 60METERS

Extends HD signal up to 60 meters (200ft) using dual CAT5e/CAT6 cable. Supports DTS-HD & Dolby TrueHD digital audio. With gain, equalization adjustment, & only needed to be powered at one end, you can be sure that your image is as good as the source.

Includes transmitter & receiver and power adaptor. Only the receiver module requires AC power.



With CAT5e cabling installed everywhere and digital has shown itself as a major player on the installation battlefield, we see the demand to offer solutions that meet those needs.

**HDMI
SINGLE-END
POWER
EXTENDERS**

HDMI DUAL CAT5E/6 EXTENDER WITH IR

HDMI & HDCP Compliant, 225MHz, 3D*
SKU: HD-C5IRB

RESOLUTION: 1080P @ 60Hz UP TO 40METERS
1080i @ 60Hz UP TO 60METERS

Extends HD signal up to 60 meters (200ft) using dual CAT5e/CAT6 cable. Bi-directional IR control provides full bandwidth support from 20KHz to 60KHz allows you to control both the source or display device remotely. It has cable skew adjustment for optimization.

Includes transmitter & receiver modules, Infra-Red control modules, & universal locking power adaptor. Powered on transmitter or receiver module only.



HDMI SWIVEL CABLES

Conventional cables do not offer enough bend or flexibility for tight installations. That is why we offer cables & adaptors with swivel connectors. Now getting closer to the wall has never been easier.

HDMI A/V Swivel Cable

SKU: HDGA

LENGTHS: 2METERS, 3METERS
CONNECTION: MALE TO MALE



HDMI DUAL CAT5E/6 WALLPLATE EXTENDER WITH IR

HDMI & HDCP Compliant, 165MHz
SKU: HD-C5IRWP

RESOLUTION: 1080P @ 60Hz UP TO 40METERS
1080i @ 60Hz UP TO 60METERS

Extends HD signal up to 60 meters (200ft) using dual CAT5e/CAT6 cable. Auto-skew removes guesswork in setting the proper cable EQ setting while the IR control path allows you to control the source device remotely. Only the receiver module requires AC power.

Includes transmitter & receiver modules, Infra-Red control modules, and power adaptor.



HDMI to DVI Video Swivel Cable

SKU: HDVIAG

LENGTHS: 2METERS, 3METERS
CONNECTION: MALE TO MALE



*Some HDTV's require power on the receiver module

Audio & Video CAT5e Extender

SKU: HD-C5



What does it do?

Twisted pair extenders allow long distance distribution of audio & video using inexpensive CAT5e cables. This dual CAT5e active extender transmits audio & video with HDCP up to 200ft @ 1080i & 130ft @ 1080p 60Hz.

HDMI 60M HDTV Extender



Connects any PS3, Blu-Ray, Xbox, HD-DVD or DVD player to HDTV, flat panel, or projector with HDMI port. It supports Consumer Electronics Control (CEC) features of latest HDMI devices. Provides Deep Color, up to 225MHz bandwidth and requires only one power adaptor.

Specifications

HD-C5	0 37229 00695 7
Signal Type	720p, 1080i, 1080p @ 60Hz
Video Bandwidth	225 MHz (6.75 Gbps)
Connectors	HDMI 19Pin / RJ45
HDCP/DDC & CEC Compatibility	Yes
Deep Color Support	Up to 12bit
TMDS Input Voltage	1.2v (peak-to-peak)
DDC Input Voltage	5v (peak-to-peak)
CAT5e Cable Skew Equalizer	8 Settings
Power Supply	5v 4A DC on Receiver Unit
Operating Temperature	32 to 131°F
Compliance	HDCP, HDMI, RoHS
Warranty	One Year

Features:

- Powered by Silicon Image chipsets
- 225MHz bandwidth and extends up to 200ft
- Provides CAT5e skew compensation up to 8 levels*
- Supports 720p, 1080i & 1080p @ 60Hz*
- DTS-HD & Dolby TrueHD multi-channel digital audio
- Built-in mounting flange for secured installations
- Includes transmitter, receiver and mounting screws
- Includes universal 100v-240v power adaptor
- HDCP, HDMI & RoHS Compliant

* Skew equalization provides optimal signal boost and reduces interference.

* Supports 720p & 1080i up to 200ft (60Meters) and 1080p @ 60Hz up to 130ft (40Meters).

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West (1-800-344-3371)

2731 Crimson Canyon Drive
Las Vegas, NV 89128

East (1-800-622-9606)

30727 Beverly Road
Romulus, MI 48174

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HDMI Audio/Video CAT5e Extender

SKU: HD-C5IRB



What does it do?

Twisted pair extenders allow long distance distribution of IR, audio & video using inexpensive CAT5e cables. This CAT5e active extender transmits audio & video with HDCP up to 200ft @ 1080i & 130ft @ 1080p 60Hz. **Built-in pass-thru IR control allows you to manage connected devices remotely.**

HDMI 3D 2xCAT5e Ext. Kit

Built-in Universal Bi-Directional IR Control & Single-end Powered



SUPPORTS
3D
HDTV & BLU-RAY

Connects any PS3, Blu-Ray, Xbox, HD-DVD or DVD player to HDTV including 120/240Hz, flat panel, or projector with HDMI port. **Powered only on either TX or RX module provides greater flexibility during installations.** Recommended for satellite and cable-TV set-top receivers.

Specifications

HD-C5IRB	0 37229 00798 5
Signal Type	720p, 1080i, 1080p @ 60Hz
Video & IR Bandwidth	225MHz (6.75Gbps) / 20-60KHz
Connectors	HDMI 19Pin / RJ45 / 3.5mm IR
HDCP/DDC/CEC Compatibility	Yes
Deep Color Support	Up to 36bit
TMDS Input Voltage	1.2v (peak-to-peak)
DDC Input Voltage	5v (peak-to-peak)
CAT5e Cable Skew Equalizer	8 Levels
Power Supply	5v 2A DC, TX or RX
Operating Temperature	32 to 131°F
Standard	HDMI 3D, HDCP 1.1, RoHS
Warranty	One Year

Features:

- Supports current HDMI 3D formats
- Manage both source device and display with IR*
- 225MHz bandwidth and extends up to 200ft
- Provides CAT5e skew compensation up to 8 levels*
- Deep Color video with EDID pass-thru capability
- DTS-HD & Dolby TrueHD multi-channel digital audio
- Built-in mounting flange for secured installations
- Includes transmitter, receiver and mounting screws
- Includes a set of infra-red blaster and receiver modules
- Includes universal 100v-240v locking power adaptor

* Skew equalization provides optimal signal boost and reduce interference.
 * Must purchase additional set of IR to control both source and display (HD-C5IRB-TR)
 * Supports 720p & 1080i at distance up to 200ft (60Meters) and 1080p @ 60Hz at distance up to 130ft (40Meters).

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Audio & Video IR CAT5e Extender

SKU: HD-C5IRWP



What does it do?

Twisted pair extenders allow long distance distribution of audio & video using inexpensive CAT5e cables. This dual CAT5e active extender transmits audio & video with HDCP up to 200ft. Built-in Infra-Red control path allows you to control the source device remotely.

HDMI 60M HDTV Extender



Connects any PS3, Blu-Ray, Xbox, HD-DVD or DVD player to HDTV, flat panel, or projector with HDMI port. It supports Consumer Electronics Control (CEC) features of latest HDMI devices. Provides cable auto-skew, up to 165MHz bandwidth and requires only one power adaptor.

Specifications

HD-C5IRWP	0 37229 00795 4
Signal Type	720p, 1080i, 1080p @ 60Hz
Video Bandwidth	165 MHz
Connectors	HDMI 19Pin / RJ45 / IR
HDCP/DDC & CEC Compatibility	Yes
Deep Color Support	No
TMDS Input Voltage	1.2v (peak-to-peak)
DDC Input Voltage	5v (peak-to-peak)
CAT5e Cable Skew Equalizer	Auto-Skew
Power Supply	5v 1A DC on Receiver Unit
Operating Temperature	32 to 131°F
Compliance	HDCP, HDMI, RoHS
Warranty	One Year

Features:

- Manage source device with built-in IR control
- 165MHz bandwidth and extends up to 200ft
- Provides CAT5e skew automatic gain control*
- EDID display learning and store capability
- Supports 480p, 720p, 1080i & 1080p @ 60Hz*
- Operate in powered and non-powered mode*
- Includes transmitter, receiver and mounting screws
- Includes universal 100v-240v power adaptor
- HDCP, HDMI & RoHS Compliant

* Auto-Skew removes the guesswork in setting the proper cable EQ setting.

* Supports 480p up to 328ft (100Meters), 720p & 1080i up to 200ft (60Meters) and 1080p @ 60Hz up to 130ft (40Meters).

* Some HDTV's require power on the receiver module

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VIDEO PATTERN

GENERATORS

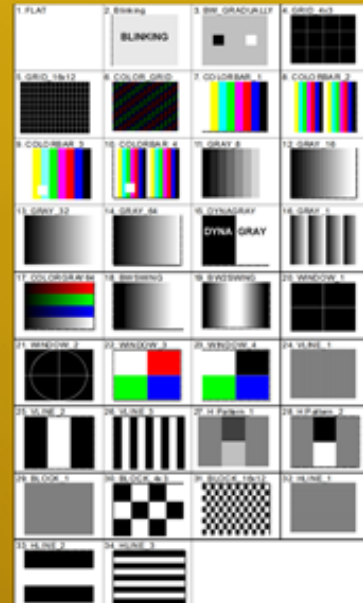
VGA PORTABLE PATTERN GENERATOR

VGA/WXGA, 162MHz

SKU: VPG-V

RESOLUTION: UP TO 1920x1200 @ 60Hz

VPG-V is a high-resolution video test pattern generator. It has 38 different resolutions from VGA to WUXGA (640x480 to 1920x1200), 34 different patterns and easy-to-use push-button OSD menu control thru 16x2 LCD screen. Built-in re-chargeable battery allows continuous usage up to 8 hours. Includes universal power adaptor.



VPG-V/VPG-H Video Test Pattern

HDMI PORTABLE PATTERN GENERATOR

HDMI 1080p, 225MHz

SKU: VPG-H

RESOLUTION: HDTV, UP TO 1080P
PC, UP TO 1920x1200

VPG-H is a high-resolution video test pattern generator. It has 48 different resolutions from 640x350 to 1920x1200 to HDTV's 1080p, 34 different patterns and easy-to-use push-button OSD menu control thru 16x2 LCD screen. It has native DVI mode, HDCP signal tester, built-in audio, & re-chargeable battery that allows continuous usage up to 8 hours.

HDCP 1.2 & DVI 1.0 compliant.



VIDEO CABLES

HDMI A/V Swivel Cable

SKU: HDGA

LENGTHS: 2 METERS, 3 METERS

CONNECTION: MALE TO MALE

Conventional cables do not offer enough bend or flexibility for tight installations. That is why we offer cables & adaptors with swivel connectors. Now getting closer to the wall has never been easier.



EZ VGA PORTABLE PATTERN GENERATOR

VGA/WXGA, 162MHz

SKU: VPG-VL

RESOLUTION: HDTV, UP TO 1920x1080
PC, UP TO 1600x1200 @ 60Hz

VPG-VL is a high-resolution video test pattern generator. It has 7 different screen resolutions from SVGA to UXGA (800x600 to 1920x1080), 8 different patterns and easy-to-use push-button control. It can be powered either by using a 9v battery that can last up to 4.5Hr or using a power adaptor.

Includes HD15 video cable, 9v battery and 9vDC 120vAC power adaptor.

UPC: 0 37229 00744 2



UltraThin VGA/QXGA

SKU: CC388M1

LENGTHS: 1, 2, 3, 6, 10, 15, 25, 35, 50, 75, 100, 150, 200FT
CONNECTION: MALE TO MALE

Our ultrathin tri-shield VGA cable can maneuver and connect to any device with a female HD15 port with ease. The thumbscrews can be replaced with stand-off screws and mounted on a face plate depending on what the job needs. Also available in Male to Female, up to 100ft.





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A/V OVER ETHERNET

HDMI & DVI EXTENDERS

HDMI OVER LAN SOLUTION WITH BROADCAST

FullHD HDMI/HDCP 720p/1080p LAN CAT5e/RJ45 Extender Kit with IR Control

SKU: HDE-K

Extends HDMI signal over LAN up to 400 meters (1,312ft) away from HDMI or DVI source using single CAT5e/RJ45 cable. It supports DVI-D using HDMI to DVI adaptor. Unlimited HD displays are possible with the addition of a LAN hub/switch & HDE-R receiver modules. Embedded infra-red (IR) control path allows user to control HDMI sources remotely.



Includes transmitter & receiver modules, IR transmitter & receiver, HDMI cable and power adaptors.

HDMI OVER LAN RX MODULE

FullHD HDMI/HDCP 720p/1080p CAT5e/RJ45 LAN Receiver with IR Control

SKU: HDE-R

Need additional displays with HDE-K Starter Kit? Unlimited HD displays are possible with the addition of a LAN hub/switch which also extends projection distance by another 100 meters per RX module.



Includes receiver module, IR transmitter, and power adaptor.

DVI OVER IP EXTENDER

DoIP (Display over IP) Extender Kit

SKU: MDVI-E

Add additional monitor, LCD, or projector to a computer through Ethernet LAN up to 100 meters (328ft) away from the source using single CAT5/RJ45 cable. It has extended or mirrored desktop mode with up to 1440 x 1050 screen resolution and 32 bit color. It assigns a unique IP address allowing multiple MDVI-E installation on the same LAN. Windows XP, Vista, & Windows 7 compatible. Works with any display with DVI, VGA or HDMI port.



Includes Ethernet adaptor, power adaptor, RJ45 Ethernet cable, CD driver, user's manual, and quick installation guide.

With CAT5e/6 cabling installed everywhere and digital has shown itself as a major player on the digital signage, we see the need to offer solutions that meet those needs.

That is why we are excited to offer our new HDMI/DVI over LAN CAT5/RJ45 system. These are perfect for digital signage or security applications.

HDTV SWIVEL CABLES

Conventional cables do not offer enough bend or yield for tight installations. That is why we offer HDMI/DVI cables with 90 degrees swivel connectors. Now getting closer to the wall has never been easier.

HDMI A/V Gold Swivel Cable

SKU: HDGA

LENGTHS: 2METERS, 3METERS
CONNECTION: MALE TO MALE



HDMI to DVI Gold Swivel Cable

SKU: HDVIAG

LENGTHS: 2METERS, 3METERS
CONNECTION: MALE TO MALE



DVI to DVI Gold Swivel Cable

SKU: HSDVIGA

LENGTHS: 2METERS, 3METERS
CONNECTION: MALE TO MALE



Audio & Video IR CAT5e Extender

SKU: HDE-K v2



What does it do?

Twisted pair extenders allow long distance distribution of audio & video using inexpensive CAT5e cables. This CAT5e active extender transmits audio & video with HDCP. **Built-in Infra-Red** allows you to control the source device remotely.

HDMI v1.3 400M 1xCAT5e Ext



Connects any PS3, Blu-Ray, Xbox, HD-DVD or DVD player to HDTV including 120/240Hz flat panel, or projector with HDMI port. Single CAT5e design provides greater flexibility during installations. **Extends up to 400M** and connect hundreds of HD displays to a single source.

Specifications

HDE-K	0 37229 00791 6
Signal Type	720p, 1080i, 1080p @ 60Hz
Audio Bandwidth	Stereo / 16 Bits / 48 KHz
Video Bandwidth	225 MHz (2.25 Gbps)
Connectors	HDMI 19Pin / RJ45
HDCP/DDC Compatibility	Yes
TMDS Input Voltage	1.2v (peak-to-peak)
DDC Input Voltage	5v (peak-to-peak)
LAN Protocol / Type	Ethernet 100/100Mbps
Power Supply	12v .6A DC, Transmitter/Receiver
Operating Temperature	32 to 131°F
Compliance	HDMI, RoHS Compliant
Warranty	One Year

Features:

- Connect hundreds of displays to a single source
- Expand by adding ethernet hub & more receivers*
- Supports HDMI 1080p with stereo audio
- 225MHz bandwidth, Plug & Play for easy installation
- IR allows control of source from remote locations
- Includes transmitter, receiver, and IR transmitter/receiver
- Includes AC adaptors
- HDCP, HDMI, & RoHS Compliant

* Must use Ethernet Switch or Hub to maximize distance. Distance from transmitter to switch/hub is 100M and another 100M from switch/hub to receiver(s). It can be daisy-chained up to 3-levels with a total distance of 400M

* HDE-K starter kit includes TX, RX module with built-in IR, IR transmitter/receiver, HDMI cable & power adaptors. Max distance between RX/TX modules is 100Meter.

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DVI Video over IP CAT5e Extender

SKU: MDVI-E



What does it do?

Add additional displays through Ethernet up to 100M. No need to open the computer case and install additional video card. Connects directly or through an existing network. Windows XP, Vista, and Windows 7 32 bit compatible.

DVI 100M 1xCAT5e Extender



Connects your computer with Ethernet and outputs DVI-I. Send high quality image presentation and DVD quality video. With proper adaptor, MDVI-E can output VGA and HDMI. Includes MDVI-E, AC Adaptor, Ethernet Cable, CD (Driver and User's Manual), and Quick Installation Guide.

Specifications

MDVI-E	0 37229 00794 7
Signal Type	VGA, SVGA, XGA, SXGA
Video Bandwidth	1.65 GHz
Connectors	DVI-D / RJ45
HDCP/DDC Compatibility	No
Supported Modes	Extended Desktop (default) Mirrored Desktop
LAN Protocol / Type	Ethernet 100/1000Mbps
Power Supply	5v 2.5A DC
Operating Temperature	50 to 104°F
Compliance	DVI 1.0, RoHS Compliant
Warranty	One Year

Features:

- Transmits video using CAT5e cable
- Connects to existing network for easy installation
- Supports mirrored or extended desktop modes
- Supports VGA/SXGA @ 60Hz resolution*
- 16bit and 32bit color quality
- DVI 1.0 & RoHS compliant

* Supported resolutions for flat panel monitors and HDTVs will vary. It will work with HDTV signals that do not require HDCP protection.

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DVI Digital Video CAT5e Extender

SKU: MDVI-C5



What does it do?

Twisted pair extenders allow long distance distribution of video using inexpensive CAT5e cables. This digital video extender transmits video up to 40M (130ft).

DVI Direct-Plug 1xCAT5e Ext.



Connects flat panel or screens with any computer with DVI port. It supports 1024x768 60Hz up to 130ft and 1280x1024 60Hz up to 100ft. **Direct-Plug design eliminates additional cables and being powered from the source DVI port provides greater flexibility during installations.**

Specifications

MDVI-C5	0 37229 00761 9
Signal Type	VGA, SVGA, XGA, SXGA
Video Bandwidth	165 MHz (4.95 Gbps)
Connectors	DVI 24Pin / RJ45
DVI Interface	DVI-D Single Link
HDCP/DDC Compatibility	No
Power Supply	Powered from Source DVI Port
Operating Temperature	32 to 131°F
Compliance	DVI 1.1, RoHS Compliant
Warranty	One Year

Features:

- Transmits video using CAT5e cable
- Extends up to 130ft with Direct-Plug design
- Self-powered provides greater installation flexibility
- Supports VGA/SXGA @ 60Hz video resolution*
- Includes transmitter & receiver modules
- DVI 1.1 & RoHS Compliant

* Supports for wide-screen flat panel monitors and HDTV will vary. It will work with HDTV signal that does not require HDCP protection.

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DVI to HDMI Video CAT5e Extender

SKU: MHDVI-C5



What does it do?

Twisted pair extenders allow long distance distribution of video using inexpensive CAT5e cables. This digital video extender transmits video up to 40M (130ft).

DVI Direct-Plug 1xCAT5e Ext.



Connects any computer with DVI port to HDTV's with HDMI port. It supports 1024x768 60Hz up to 130ft and 1280x1024 60Hz up to 100ft. **Direct-Plug design eliminates additional cables and being powered from the source DVI port provides greater flexibility during installations.**

Specifications

MHDVI-C5	0 37229 00762 6
Signal Type	VGA, SVGA, XGA, SXGA
Video Bandwidth	165 MHz (4.95 Gbps)
Connectors	DVI 24Pin / HDMI / RJ45
DVI Interface	DVI-D Single Link
HDCP/DDC Compatibility	No
Power Supply	Powered from Source DVI Port
Operating Temperature	32 to 131°F
Compliance	DVI 1.1, HDMI 1.2a, RoHS Compliant
Warranty	One Year

Features:

- Transmits video using CAT5e cable
- Use your plasma or LCD HDTV as computer screen
- Extends up to 130ft with Direct-Plug design
- Self-powered provides greater installation flexibility
- Supports VGA/SXGA @ 60Hz video resolution*
- Includes transmitter & receiver modules
- DVI 1.1 & RoHS Compliant

* Supports for wide-screen flat panel monitors and HDTV will vary. It will work with HDTV signal that does not require HDCP protection.

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USB INSTALLATION

CAT5E/6 EXTENDERS FOR PC/WINDOWS & APPLE/MAC

USB 165FT REPEATER

SKU: USB-C5

Extend your USB peripherals up to 165ft for low-powered devices and 130ft for full-powered devices. Ideal for security and surveillance video, PC digital audio systems, and other peripherals with USB interface that are beyond the reach of regular cables. Includes transmitter & receiver modules.



CAT5 and USB, together at last! With CAT5e/6 Extender Kits, you can combine the cost efficiency & length with the commonly used connector today, USB. It has built-in buffer & actively regenerates the signals to preserve data integrity.

	USB-C5	USB-C5E	USB-C5EXT
USB 1.1	•	•	•
CAT5E (UTP)	•	•	•
Keyboard/Mouses	•	•	•
Flash Drive/External HDD		•	•
Smart Board/Touch Panel			•
No External Power Required	•	•	•
Windows Compatible	•	•	•
Low-Power Device	165ft	200ft	150ft
Full-Power Device	130ft	150ft	130ft

USB 200FT ENHANCED REPEATER

SKU: USB-C5E

Extend your USB peripherals up to 200ft for low-powered devices and 150ft for full-powered devices. Ideal for security and surveillance video, PC digital audio systems, and other peripherals with USB interface that are beyond the reach of regular cables. Includes transmitter & receiver modules.



RECOMMENDED USB CABLES

USB Standard Cable

SKU: CC2209C

LENGTHS: 3 FEET, 6 FEET, 10 FEET, 15 FEET
CONNECTION: TYPE A MALE TO TYPE B MALE



USB OTG with Mini-B Cable

SKU: CC2215C

LENGTHS: 6 FEET, 10 FEET, 15 FEET
CONNECTION: TYPE A MALE TO MINI-B MALE



USB OTG with Micro-B Cable

SKU: CC2218C

LENGTHS: 1 METER, 2 METERS
CONNECTION: TYPE A MALE TO MICRO-B MALE



USB Extension Cable

SKU: CC2210C

LENGTHS: 6 FEET, 10 FEET
CONNECTION: TYPE A MALE TO TYPE A FEMALE



USB 150FT PREMIUM REPEATER

SKU: USB-C5EXT

• IDEAL FOR HIGH-END APPLICATIONS INCLUDING INTELLIGENT WHITE BOARDS

Extend your USB peripherals up to 150ft for low-powered devices and 130ft for full-powered devices. Ideal for security and surveillance video, PC digital audio systems, and other peripherals with USB interface that are beyond the reach of regular cables. Includes transmitter & receiver modules.



** These exceptions does not apply to USB devices that has its own power source. Low-powered devices include mouse & keyboard while full-powered devices include printer, scanner, media card reader, etc.

USB Digital CAT5e Extender

Part #USB-C5



What does it do?

Twisted pair extenders allow long distance distribution of data using inexpensive CAT5e cables. This Universal Serial Bus extender transmits up to 50M (165ft).

USB 50M Extender Kit



Connects USB devices with any computer with USB port. It supports full-speed (12Mbps) and low-speed (1.5Mbps) peripherals. Powered from the source USB port provides greater flexibility during installations.

Specifications

USB-C5	0 37229 22131 2
Signal Type	Low-Speed & Full-Speed
Maximum Speed	Up to 12Mbps
Connectors	USB Type A / RJ45
USB Interface	USB 1.1
Power Supply	Powered from Source USB Port
Operating Temperature	32 to 104°F
Compliance	USB 1.1, FCC, CE & RoHS Compliant
Warranty	One Year

Features:

- Transmit video using CAT5e/CAT6 cable
- Extends up to 165ft with built-in 1ft cable*
- Self-powered provides greater installation flexibility
- Works with PC/Windows & Apple/Mac with USB port
- Includes transmitter & receiver modules
- USB 1.1, FCC, CE & RoHS Compliant

* Extends up to 165ft when used with low-powered devices such as mouse and keyboard; and up to 130ft for full-powered devices including printer, scanner, card reader, etc.

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USB Digital CAT5e Extender

Part #USB-C5E



What does it do?

Twisted pair extenders allow long distance distribution of data using inexpensive CAT5e cables. This Universal Serial Bus extender cleans & amplifies the signal up to 60M (200ft).

USB 60M Enhanced Extender Kit



Connects USB devices with any computer with USB port. It supports full-speed (12Mbps) and low-speed (1.5Mbps) peripherals. LED provide status if proper connection between transmitter and receiver has been established and being powered from the source USB port provides greater flexibility during installations.

Specifications

USB-C5E	0 37229 22132 9
Signal Type	Low-Speed & Full-Speed
Maximum Speed	Up to 12Mbps
Connectors	USB Type A / RJ45
USB Interface	USB 1.1
LED	Link Connector Status
Power Supply	Powered from Source USB Port
Operating Temperature	32 to 104°F
Compliance	USB 1.1, FCC, CE & RoHS Compliant
Warranty	One Year

Features:

- Transmits video using CAT5e/CAT6 cable
- Extends up to 200ft with built-in 1ft cable*
- Provides link status LED and optional power adaptor*
- Self-powered provides greater installation flexibility
- Works with PC/Windows & Apple/Mac with USB port
- Includes transmitter & receiver modules
- USB 1.1, FCC, CE & RoHS Compliant

* Extends up to 200ft when used with low-powered devices such as mouse and keyboard; and up to 150ft for full-powered devices including printer, scanner, card reader, etc.

* Optional power adaptor (5v2A DC) is needed only when the USB device requires more than 500mA of power supplied by regular USB port.

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USB Digital CAT5e Extender

Part #USB-C5EXT

What does it do?

Twisted pair extenders allow long distance distribution of data using inexpensive CAT5e cables. This Universal Serial Bus extender transmits up to 45M (150ft).

USB 45M Extender Kit



Connects USB devices with any computer with USB port. It supports full-speed (12Mbps) and low-speed (1.5Mbps) peripherals. Powered from the source USB port provides greater flexibility during installations.

Specifications

USB-C5EXT	0 37229 22123 7
Signal Type	Low-Speed & Full-Speed
Maximum Speed	Up to 12Mbps
Connectors	USB Type A / RJ45
USB Interface	USB 1.1
Power Supply	Powered from Source USB Port
Operating Temperature	32 to 104°F
Compliance	USB 1.1, FCC, CE & RoHS Compliant
Warranty	One Year

Features:

- Transmits video using CAT5e/CAT6 cable
- Extends up to 150ft with built-in 1ft cable*
- Self-powered provides greater installation flexibility
- Works with PC/Windows & Apple/Mac with USB port
- Includes transmitter & receiver modules
- USB 1.1, FCC, CE & RoHS Compliant

* Extends up to 150ft when used with low-powered devices such as mouse and keyboard; and up to 130ft for full-powered devices including printer, scanner, card reader, etc.

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VGA INSTALLATION

MORE SOLUTIONS FOR A/V INSTALLERS

A/V PLUS SERIAL/IR CONTROL

The Ultimate A/V Single-CAT5e 330M Ext. Kit

SKU: VAS-E

RESOLUTION: 1920x1200 @ 60Hz UP TO 330METERS

Extends up to 330 meters (1,000ft). This ultimate A/V extender kit sends audio, video, serial & IR control using a single CAT5e cable! It supports both stereo & digital audio, RS-232 half-duplex, bi-directional IR pass-thru and provides adjustable equalization and gain control. Transmitter module provides pass-thru video port to connect a local monitor. Includes universal power adaptors.



PC & COMPOSITE A/V WALLPLATE

The Best of Both Worlds!

SKU: VARCA-1P

RESOLUTION: 1280x1024 @ 60Hz UP TO 30METERS

Intuitive design anticipates both computer and regular A/V application. This wallplate extender kit has shielded casing to meet government, school, and commercial requirements. Using 2xCAT5e RJ45 cables, it provides both PC VGA & stereo audio along with composite audio and video. Both transmitter and receiver have grounding screws. When power port is not available, this is a perfect extender A/V solution.



VGA/AUDIO D/A & CABLES

1x2 VGA/QXGA with Audio D/A

SKU: MSV12MA

Following the flexibility of the original mini-D/A, MSV12MA now provides both audio and video. Powered from VGA port providing 300MHz bandwidth, resolutions up to 2048x1536 and extends up to 200ft.



PORTABLE VIDEO PATTERN GENERATOR

The Perfect Tool for Any A/V Installer

SKU: VPG-V

RESOLUTION: 1920x1200 @ 60Hz

VPG-V is a high-resolution video test pattern generator. It has 38 different resolutions from VGA to WUXGA (640x480 to 1920x1200), 34 different patterns and easy-to-use push-button OSD menu control thru 16x2 LCD screen. Built-in re-chargeable battery allows continuous usage up to 8 hours. Includes universal power adaptor.



UltraThin VGA/QXGA with Audio

SKU: CC388MA

LENGTHS: 3FT, 6FT, 10FT, 25FT, 35FT, 50FT, 75FT, 100FT
CONNECTION: MALE TO MALE

With our ultrathin tri-shield VGA cable with audio, you can maneuver and connect to any device with ease. The thumbscrews can be replaced with stand-off screws and mounted on a face plate depending on the job at hand.



A/V+Serial+IR 330M 1xCAT5e

SKU: VAS-E



What does it do?

Twisted pair extenders allow long distance distribution of audio & video using inexpensive CAT5e/6 cables. This active extender transmits audio & video up to WUXGA along with serial & IR controls 330 meters (1,000ft) from the source, all by using a single CAT5e/6 cable.

The Ultimate A/V Extender Kit



Connects any VGA/WUXGA video display to any computer, switch or distribution amplifier. Transmitter module provides pass-thru video port to connect a local monitor. **It supports stereo & digital audio, half-duplex RS-232 serial and bi-directional IR pass-thru control signals.**

Specifications

VAS-E	0 37229 00715 2
Signal Type	VGA/SVGA, XGA/WUXGA
Video Bandwidth	150MHz
Connectors	HD15/DB9/RCA/3.5MM/RJ45
DDC Compatibility	Yes
EQ & Gain Adjustment	Rotary
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
RS-232 Serial	Half-Duplex with Dual-Mode
Infra Red Frequency	38KHz
Power Supply / Operating Temp.	5v 2A DC / 32 to 131°F
Compliance	FCC, CE, RoHS
Warranty	One Year

Features:

- Extends A/V & control signals
- Control a projector or HDTV up to 1,000ft
- Supports full WUXGA high-resolution at max distance*
- Supports analog stereo and digital SPDIF audio
- Supports RS-232 serial with bi-directional IR blaster
- Provides adjustable EQ and gain control*
- Built-in mounting flange with locking power connectors*
- Includes transmitter, receiver and IR emitters
- Includes universal 100v-240v power adaptors
- FCC, CE & RoHS Compliant

- * Maximum supported resolution varies depending on CAT5e/6 cable quality.
- * Skew equalization provides optimal signal boost and reduces interference.
- * Provide secured installations for VAS-E modules and power supply.

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Audio & Video 2xCAT5e Extender Kit

SKU: VARCA-1P



What does it do?

Intuitive design that anticipates both computer and regular A/V applications. This CAT5e wallplate extender kit extends up to 30 meter (100ft) and has shielded casing to meet government, school, and commercial requirements.

30M PC & Composite Wallplate



Connects any computer to projector and DVD player to HDTV. Using 2xCAT5e RJ45 cables, it provides both PC VGA & stereo audio along with composite audio and video. Both transmitter and receiver have grounding screws. When power port is not available, this is a perfect A/V extender solution.

Specifications

VARCA-1P	0 37229 00714 5
Signal Type	PC VGA/SXGA & Composite
Audio	Stereo
Video Bandwidth	Up to 100MHz
Connectors	HD15/ 3.5mm / RCA / RJ45
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
PC & LCD Compatibility	Yes
Operating Temperature	32 to 131°F
Certification	RoHS Compliant
Warranty	One Year

Features:

- Transmits computer & composite audio & video
- Both interfaces can be active at the same time
- Works with projector, HDTV and DVD player
- Extends up to 100ft using dual-CAT5e cable
- Supports VGA/SXGA up to 1280x1024 @ 60Hz*
- Decora-style shielded metal casing with grounding
- Includes transmitter, receiver, cables & mounting screws
- RoHS, FCC & CE Compliant

* Maximum supported resolution varies depending on CAT5e cable quality.

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VGA INSTALLATION

VGA OVER CAT5 ACTIVE SOLUTION

VGA/QXGA CAT5/RJ45 Extender Kit

SKU: VC5-1P

DIMENSIONS OF 1 UNIT(LxWxH) INCHES: 3.63x1.34x0.87

RESOLUTION: 2048x1536 @ 60Hz UP TO 50METERS
1280x1024 @ 60Hz UP TO 80METERS

Extends up to 80 meters (262ft) using our extender kit and CAT5/RJ45 cable. With gain and equalization adjustment, you can be sure that your image is as good as the source.

This extender can be powered from either the transmitter or receiver module providing greater flexibility with long distance installation.



LET US HELP YOU GET THE CONTRACT

We understand the demands and needs of installers who value amazing products, service, and prices. This is the reason we are proud to introduce our lineup of new innovative and practical audio/video devices that incorporate our VGA over CAT5/RJ45 system.

With the price of CAT5 so low, our extensive supply of VGA products, and knowledgeable staff, we have the tools you need to get you on your way.

VGA OVER CAT5 PASSIVE SOLUTION

VGA/UXGA CAT5/RJ45 Extender Kit

SKU: VB-C5

DIMENSIONS OF 1 UNIT(LxWxH) INCHES: 4.33x3.00x1.03

RESOLUTION: 1600x1200@ 60Hz UP TO 50METERS
1024x768 @ 60Hz UP TO 100METERS

When power is not available or needed, we have the passive solution for you. With this kit you can extend your video signal up to 100 meters (330ft) over CAT5/RJ45.



VGA CABLES

UltraThin VGA/QXGA with Audio

SKU: CC388MA

LENGTHS: 3FT, 6FT, 10FT, 25FT, 35FT, 50FT, 75FT, 100FT
CONNECTION: MALE TO MALE

With our ultrathin tri-shield VGA cable with audio, you can maneuver and connect to any device with a female HD15 and female audio port with ease. The thumbscrews can be replaced with stand-off screws and mounted on a face plate depending on the job at hand.



VGA CABLE SOLUTION

VGA/QXGA Cable EQ Video Extender

SKU: VGA-EQ

DIMENSIONS OF 1 UNIT(LxWxH) INCHES: 2.64x2.21x1.50

RESOLUTION: 2048x1536@ 60Hz UP TO 61METERS
1024x768 @ 60Hz UP TO 180METERS

Need the reach yet don't want to use CAT5/ RJ45? Then look no further than our EQ video extender. Using regular copper cable, the EQ can actively regenerate and send video signals up to 180 meters (600ft). Comes with power adaptor.



UltraThin VGA/QXGA

SKU: CC388M1

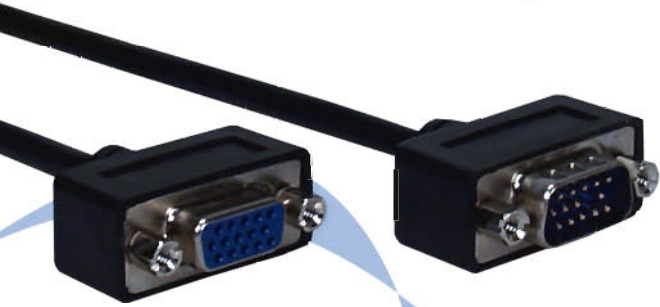
LENGTHS: 1FT, 2FT, 3FT, 6FT, 10FT, 15FT, 25FT, 35FT, 50FT, 75FT, 100FT, 150FT, 200FT
CONNECTION: MALE TO MALE

Our ultrathin tri-shield VGA cable can maneuver and connect to any device with a female HD15 port with ease. The thumbscrews can be replaced with stand-off screws and mounted on a face plate depending on what the job needs. Also available in Male to Female, up to 100ft.



VGA/QXGA Video EQ Extender

Part #VGA-EQ



What does it do?

VGA EQ active extender regenerates the video signal and extends the reach of regular HD15 video cables. Unlike VGA repeater, it is placed near the display device instead of the video source and extends up to 180m (600ft).

180M Active Extender



Connects any VGA/QXGA video display to any computer, projector, LCD, switch or distribution amplifier. Using the VGA-EQ, a 200ft UltraThin HD15 high-performance cable will support 2048x1536 @ 60Hz (QXGA) screen resolution compared with 1024x760 @ 60Hz (XGA) without it.

Specifications

VGA-EQ	0 37229 00731 2
Signal Type	VGA/SVGA, XGA/QXGA
Video Bandwidth	Up to 150MHz
Pixel Frequency	Up to 300MHz
Insertion Loss	Less than 3db
Connectors	HD15 Female
H/V Impedance	510 Ohms
H/V Output Vp-p	AGC-TTL 5v (peak-to-peak)
PC & LCD Compatibility	Yes
Cable Equalizer	Adjustable EQ Controls
Operating Temperature	32 to 120°F
Certification	RoHS Compliant
Warranty	One Year

Features:

- Transmits VGA up to 180m using regular cable
- Gain control allows for fine-tuning of video image
- Adjustable EQ controls provide cable equalization
- Supports VGA/QXGA up to 2048x1536 @ 60Hz*
- Includes power adaptor
- FCC, CE & RoHS Compliant

* Ask for VGA-EQ Cable Extender Kit that provides a complete solution out of the box including CC388M1-100FK (100ft), CC388M1-150FK (150ft) and CC388M1-200FK (200ft).

* Supports QXGA up to 61m (200ft), UXGA up to 71m (230ft), SXGA up to 152m (500ft) and XGA up to 180m. When using widescreen HDTV flat panels, supported resolutions may vary.

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VGA/RGB Video CAT5e Extender

Part #VB-C5



What does it do?

Twisted pair extenders allow long distance distribution of video using inexpensive CAT5e cables. It extends up to 100M (330ft) and can be mounted on the wall.

100M Non-Power Extender Kit



Connects any VGA/UXGA video display to any computer, projector, LCD, switch or distribution amplifier. This CAT5e non-powered extender (baluns) passively transmits video up to 330ft. It can be mounted on the wall and provides cable grounding.

Specifications

VB-C5	0 37229 00730 5
Signal Type	VGA/SVGA, XGA/UXGA
Video Bandwidth	Up to 100MHz
Connectors	HD15 / RJ45
PC & LCD Compatibility	Yes
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
CAT5e Cable Equalizer	DIP Switch, 32 Settings
Operating Temperature	32 to 131°F
Certification	RoHS Compliant
Warranty	One Year

Features:

- Transmits video using CAT5e/6 cable
- Extends up to 330ft @ 1024x768 with Virtual DDC
- Provides grounding when using CAT5e STP cable
- Sync-Mode provides support for larger video screens
- Sync-Filter provides CAT5e/6 signal level adjustment
- Supports VGA/UXGA up to 1600x1200 @ 60Hz*
- Includes mounting screws and a 1ft HD15M/M cable
- RoHS, FCC & CE Compliant

* It has Virtual DDC to avoid improper resolution settings and frequency. Supports resolution up to 1600x1200 60Hz up to 150ft, 1280x1024 up to 200ft and 1024x768 up to 330ft. When using widescreen HDTV flat panels for computer applications or higher screen frequency, supported resolutions may vary.

* CAT6 grade cable is recommended for UXGA 1600x1200 60Hz screen resolution.

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MODEL VERSION #2

West (1-800-344-3371)

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East (1-800-622-9606)

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VGA/RGB Video CAT5e Extender

Part #VB-C5WP

What does it do?

Twisted pair extenders allow long distance distribution of video using inexpensive CAT5e cables. It extends up to 100M (330ft) and can be mounted on the wall.

100M Non-Power Extender Kit



Connects any VGA/UXGA video display to any computer, projector, LCD, switch or distribution amplifier. This CAT5e non-powered extender (baluns) passively transmits video up to 330ft. It provides shielded RJ45 port for easy in-wall connection.

Specifications

VB-C5WP	0 37229 00734 3
Signal Type	VGA/SVGA, XGA/UXGA
Video Bandwidth	Up to 100MHz
Connectors	HD15 / RJ45
PC & LCD Compatibility	Yes
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
CAT5e Cable Equalizer	DIP Switch, 32 Settings
Operating Temperature	32 to 131°F
Certification	RoHS Compliant
Warranty	One Year

Features:

- Transmits video using CAT5e/6 cable
- Extends up to 330ft @ 1024x768 with Virtual DDC
- Sync-Mode provides support for larger video screens
- Sync-Filter provides CAT5e/6 signal level adjustment
- Supports VGA/UXGA up to 1600x1200 @ 60Hz*
- Includes white decora wallplate and mounting screws
- RoHS, FCC & CE Compliant

* It has Virtual DDC to avoid improper resolution settings and frequency. Supports resolution up to 1600x1200 60Hz up to 150ft, 1280x1024 up to 200ft and 1024x768 up to 330ft. When using widescreen HDTV flat panels for computer applications or higher screen frequency, supported resolutions may vary.

* CAT6 grade cable is recommended for UXGA 1600x1200 60Hz screen resolution. This extender will support distance up to 135M (450ft) at VGA 640x480 resolution.

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MODEL VERSION #2

VGA/QXGA Video CAT5e Extender

Part #VC5-1P



What does it do?

Twisted pair extenders allow long distance distribution of video using inexpensive CAT5e cables. This extender kit with amplified modules extends up to 262ft (80m).

80M Single-Power Extender Kit



SINGLE-END POWER

Connects any VGA/QXGA video display to any computer, projector, LCD, switch or distribution amplifier. This CAT5e extender can be **powered from either the transmitter or receiver module** providing greater flexibility with long distance installation where extra power outlet is not available.

Specifications

VC5-1P	0 37229 00729 9
Signal Type	VGA/SVGA, XGA/QXGA
Video Bandwidth	Up to 150MHz
Connectors	HD15 / RJ45
PC & LCD Compatibility	Yes
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
CAT5e Cable Equalizer	Adjustable EQ Controls
Operating Temperature	32 to 120°F
Certification	RoHS Compliant
Warranty	One Year

Features:

- Transmit video using CAT5e or CAT6 cable
- Powered from either the transmitter or receiver module
- Receiver module provides equalization & gain controls
- Supports VGA/QXGA up to 2048x1536 @ 60Hz*
- Includes power adaptor & a 3ft HD15M/M cable
- FCC, CE & RoHS Compliant

* Even though it works with CAT6 cable, this extender kit is optimized for CAT5e network cabling. Provides DDC pass-thru support.

* Supports resolution up to 2048x1536 @ 60Hz up to 164ft (50m), 1280x1024 up to 262ft (80m). When using widescreen HDTV flat panels for computer applications, supported resolutions may vary.

* If installation reaches 50 meters, place the power adaptor at the remote/receiver module.

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CAT5e VGA Video Extenders



What does it do?

Twisted pair extenders allow long distance distribution VGA video using inexpensive CAT5e cables. These extender system with distribution amplifier modules extend up to 1,000ft.

Extender Kits

Extender System



VGA Extender Kit - Includes transmitter, receiver and power adaptors. (SKU: VGA-C5E for 180Meters and VGA-C5EP for 300Meters; VGA-C5E2 & VGA-C5EP2 have local video port)



Receiver Modules (SKU: VGA-C5ER for 180Meters and VGA-C5ERP for 300Meters)

Features:

- Transmits video using CAT5e* RJ45 cable
- Supports resolution up to QXGA and distance up to 1,000ft
- Receiver modules provide equalization and gain controls
- Skew* calibrator provides individual RGB signal adjustment
- 2, 4 & 8Port transmitter modules with local video port*
- VGA Extender Kit with local video port are available
- FCC, CE & RoHS Compliant

* This extender system is optimized for CAT5e network cabling
 * Local video port on the transmitter is a pass-thru port
 * Skew calibrator allows 62ns delay range with 2ns steps



Transmitter Modules with Local Pass-Thru Port (SKU: VGA-C5EX2, VGA-C5EX4 & VGA-C5EX8)



RGB Skew Delay Calibrator (SKU: VGA-C5ES)



VGA/QXGA Video CAT5e Extender

Part #VGA-C5E

What does it do?

Twisted pair extenders allow long distance distribution of video using inexpensive CAT5e cables. This extender kit with amplified modules extends up to 600ft (180m).

180M Active Extender Kits



Connects any VGA/QXGA video display to any computer, projector, LCD, switch or distribution amplifier. Compared with the basic VGA-C5E extender kit, the VGA-C5E2 kit **has pass-thru VGA port to connect a local monitor** providing greater flexibility with long distance installation.

Specifications

Features:

- Transmit video using CAT5e or CAT6 cable*
- Receiver module provides equalization & gain controls
- VGA-C5E2 provides pass-thru port for local video
- Supports VGA/QXGA up to 2048x1536 @ 60Hz*
- Include power adaptors & a 3ft HD15M/M cable
- FCC, CE & RoHS Compliant

* Even though it works with CAT6 cable, this extender kit is optimized for CAT5e network cabling. Provides DDC pass-thru support.

* Supports resolution up to 2048x1536 @ 60Hz up to 164ft (50m), 1280x1024 up to 328ft (100m) and 1024x768 up to 600ft (180m). When using widescreen HDTV flat panels for computer applications, supported resolutions may vary.

VGA-C5E	0 37229 00670 4
VGA-C5E2 with LocalPort	0 37229 00671 1
Signal Type	VGA/SVGA, XGA/QXGA
Video Bandwidth	Up to 150MHz
Connectors	HD15 / RJ45
PC & LCD Compatibility	Yes
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
CAT5e Cable Equalizer	Adjustable EQ Controls
Operating Temperature	32 to 120°F
Certification	RoHS Compliant
Warranty	One Year

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VGA/QXGA Video CAT5e Extender

Part #VGA-C5EP

What does it do?

Twisted pair extenders allow long distance distribution of video using inexpensive CAT5e cables. This extender kit with amplified modules extends up to 1,000ft (300m).

300M Active Extender Kits



Connects any VGA/QXGA video display to any computer, projector, LCD, switch or distribution amplifier. Compared with the basic VGA-C5EP extender kit, the VGA-C5EP2 kit **has pass-thru VGA port to connect a local monitor** providing greater flexibility with long distance installation.

Specifications

VGA-C5EP	0 37229 00672 8
VGA-C5EP2 with LocalPort	0 37229 00673 5
Signal Type	VGA/SVGA, XGA/QXGA
Video Bandwidth	Up to 150MHz
Connectors	HD15 / RJ45
PC & LCD Compatibility	Yes
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-1.5db Max from DC to 60MHz
CAT5e Cable Equalizer	Adjustable EQ Controls
Operating Temperature	32 to 120°F
Certification	RoHS Compliant
Warranty	One Year

Features:

- Transmit video using CAT5e or CAT6 cable*
- Receiver module provides equalization & gain controls
- VGA-C5EP2 provides pass-thru port for local video
- Supports VGA/QXGA up to 2048x1536 @ 60Hz*
- Include power adaptors & a 3ft HD15M/M cable
- FCC, CE & RoHS Compliant

* Even though it works with CAT6 cable, this extender kit is optimized for CAT5e network cabling. Provides DDC pass-thru support.

* Supports resolution up to 2048x1536 @ 60Hz up to 164ft (50m), 1280x1024 up to 328ft (100m), 1024x768 up to 600ft (180m), 800x600 up to 656ft (200m) and 640x480 at 1000ft (300m). When using widescreen HDTV flat panels for computer applications, supported resolutions may vary.

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CAT5e VGA with Audio Extenders



What does it do?

Twisted pair extenders allow long distance distribution of audio and video using inexpensive CAT5e cables. These extender system with distribution amplifier modules extend up to 1,000ft.

Extender Kits



VGA/Audio Extender Kit - Includes transmitter, receiver and power adaptors. (SKU: VAC5-E for 180Meters and VAC5-EP for 300Meters)

Extender System



Receiver Modules (SKU: VAC5-ER for 180Meters and VAC5-ERP for 300Meters)

Features:

- Transmits audio & video using CAT5e* RJ45 cable
- Supports resolution up to QXGA and distance up to 1,000ft
- Receiver modules provide equalization and gain controls
- Audio sample rate at 96KHz with Mic gain input adjustment
- Transmitter modules provide stereo audio or mic input port
- 2, 4 & 8Port transmitters* are in 1U* rackmountable case
- 16 & 32Port transmitters are in 2U rackmounted case
- FCC, CE & RoHS Compliant

- * This extender system is optimized for CAT5e network cabling
- * Transmitter modules have local pass-thru video port
- * 1U Transmitters include rackmount kit



Rackmountable Transmitters with Local Pass-Thru Port (SKU: VAC5-EX2, VAC5-EX4 & VAC5-EX8)



Rackmounted Transmitters with Local Pass-Thru Port (SKU: VAC5-EX16 for 16Port & VAC5-EX32 for 32Port)

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VGA/QXGA A/V CAT5e Extender

Part #VAC5-E



What does it do?

Twisted pair extenders allow long distance distribution of audio & video using inexpensive CAT5e cables. This extender kit with amplified modules extends up to 1,000ft (300m).

300M Active Extender Kits



Connects any VGA/QXGA video display to any computer, projector, LCD, switch or distribution amplifier. Both VAC5-E (180m) and VAC5-EP (300m) extender kits **have pass-thru VGA port to connect a local monitor** providing greater flexibility with long distance installation.

Specifications

VAC5-E (180m)	0 37229 00720 6
VAC5-EP (300m)	0 37229 00721 3
Video Signal Type	VGA/SVGA, XGA/QXGA
Video Bandwidth / Connectors	Up to 150MHz / HD15 & RJ45
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
CAT5e Cable Equalizer	Adjustable EQ Controls
Audio Frequency	10Hz to 25KHz / -3dB
Audio Impedance & Connectors	10k Ohms / 3.5mm
Operating Temperature	32 to 120°F
Certification	RoHS Compliant
Warranty	One Year

Features:

- Transmit audio & video using CAT5e or CAT6 cable*
- Provides pass-thru port for local video monitor
- Receiver module provides equalization & gain controls
- Transmitter module has stereo audio or mic input port
- Audio sample rate at 96KHz with Mic gain input adj.
- Supports VGA/QXGA up to 2048x1536 @ 60Hz*
- Include power adaptors & a 3ft HD15M/M cable
- FCC, CE & RoHS Compliant

* Even though it works with CAT6 cable, this extender kit is optimized for CAT5e network cabling. Provides DDC pass-thru support.

* Supports resolution up to 2048x1536 @ 60Hz up to 164ft (50m), 1280x1024 up to 328ft (100m), 1024x768 up to 600ft (180m), 800x600 up to 656ft (200m) and 640x480 at 1000ft (300m).

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VGA/WUXGA A/V CAT5e Extender

Part #VA-E



What does it do?

Twisted pair extenders allow long distance distribution of audio & video using inexpensive CAT5e or CAT6 cables. This extender kit with amplified modules extends up to 500ft (150m).

150M Active Extender Kit



An economical way to connects any VGA/WUXGA video display to any computer, switch or distribution amplifier. It has **gain and skew** to compensate with UTP cable variations. Mounting flange on the transmitter module & pass-thru audio & video port provides greater installation flexibility.

Specifications

VA-E	0 37229 00738 1
Video Signal Type	VGA/SVGA, XGA/UXGA
Video Bandwidth / Connectors	Up to 150MHz / HD15 & RJ45
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
CAT5e Cable Equalizer	Adjustable EQ Controls
Audio Frequency	10Hz to 25KHz / -3dB
Audio Impedance & Connectors	10k Ohms / 3.5mm
Operating Temperature	32 to 120°F
Certification	FCC, UL, CE, RoHS Compliant
Warranty	One Year

Features:

- Transmits audio & video using CAT5e/6 cable
- Economical A/V extenders in compact modules
- Provides pass-thru port for local monitor & speaker
- Receiver module provides equalization & gain control
- Transmitter module comes with mounting kit
- Supports VGA/WUXGA up to 1920x1440 @ 60Hz*
- Include transmitter, receiver, and power adaptors
- FCC, CE & RoHS Compliant

* Supported resolution varies from 640x480 up to 1920x1440 depending on the distance and quality of CAT5e/6 UTP cable. Using Belden CAT5e solid cable, it can supports up to 1920x1200 @ 60Hz up to 100ft, 1280x1024 @ 75Hz up to 300ft, 1024x768 @ 75Hz up to 500ft.

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VGA/UXGA A/V CAT5e Extender Kit

Part #VA-EXK



What does it do?

Twisted pair extenders allow long distance distribution of audio & video using inexpensive CAT5e or CAT6 cables. This expandable active extender kit with amplified modules extends up to 1,000ft (300M).

300M Expandable Active Ext.



An economical way to connect any VGA/UXGA devices. **Perfect for digital signage applications.** It has gain and skew to compensate with UTP cable variations. Built-in mounting wings, local/pass-thru A/V port, and loop-out on both transmitter & receiver modules provide greater installation flexibility.

Specifications

VA-EXK	0 37229 00746 6
Video Signal Type	VGA/SVGA, XGA/UXGA
Video Bandwidth / Connectors	Up to 150MHz / HD15 & RJ45
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
CAT5e Cable Equalizer	Adjustable EQ Controls
Audio Frequency	10Hz to 25KHz / -3dB
Audio Impedance & Connectors	10k Ohms / 3.5mm
Operating Temperature	32 to 120°F
Power Supply	12v DC 1.2A
Certification	FCC, UL, CE, RoHS Compliant
Warranty	One Year

Features:

- Economical A/V extenders in compact modules
- Provides pass-thru port for local monitor & speaker
 - Tx provides 4 receivers ports with local pass-thru port
 - Rx has built-in 2-Port D/A and RJ45 daisy-chain port
 - Rx provides equalization & gain control
- Expand as needed with 3-level daisy-chain capability*
- Supports VGA/UXGA up to 1600x1200 @ 60Hz*
- VA-EXK Starter Kit includes Tx/Rx & power adaptors
- FCC, CE & RoHS Compliant

* Expand by connecting more VA-EXR receiver modules. Includes universal power adaptors.

* Supported resolutions vary from 640x480 up to 1600x1200 depending on the distance and quality of CAT5e/6 UTP cable. Using a Belden CAT5e solid cable, it can support up to 1600x1200 @ 60Hz up to 330ft, 1280x1024 @ 75Hz up to 395ft, 1024x768 @ 75Hz up to 590ft, 800x600 @ 75Hz up to 660ft and 640x480 @ 75Hz up to 1000ft.

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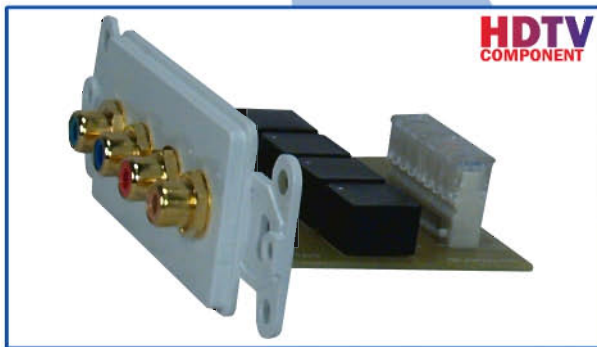
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CAT5e Extender Wallplate Solutions

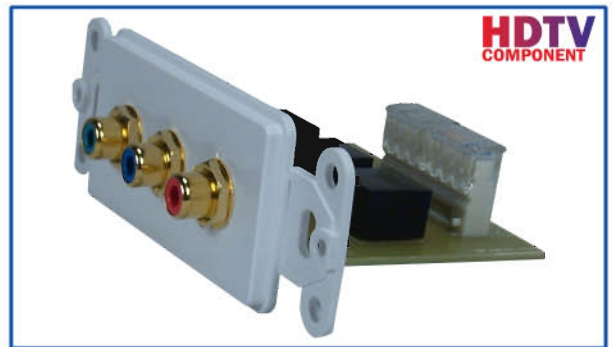
What does it do?

Twisted pair extenders allow long distance distribution of audio and video using inexpensive CAT5e cables. These wallplate solutions extend component, composite & S-Video AV and digital audio up to 100M (300ft).

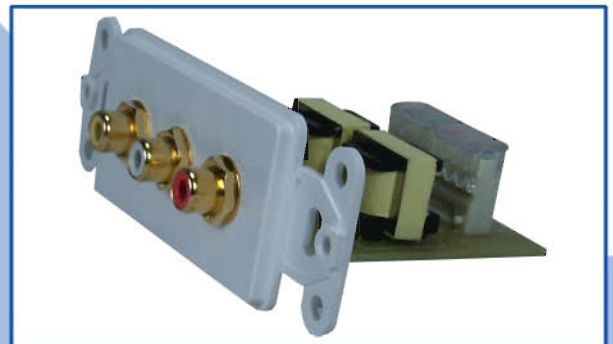
100M RCA/S-Video Extenders



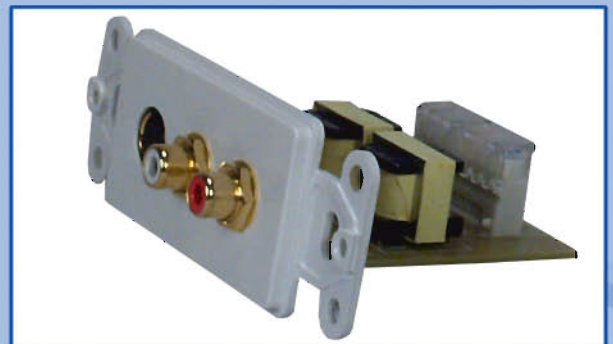
Component Video with Digital Audio (RCA4AV-C5E)



Component Video (RCA3V-C5E)



Composite Video with Stereo Audio (RCA3AV-C5E)



S-Video with Stereo Audio (CSV-C5E)

Features:

- Transmit audio & video using CAT5e cable
- Extenders for component*, S-Video & composite AV
- Uses 110-type rear punchdown connector for in-wall install
- Component AV provides RCA SPDIF digital audio connection
- Each extender pair include wallplates and mounting screws
- RoHS Compliant

* Component Video is Y/Pb/Pr and supports up to 1080i HDTV signals.

* S-Video & composite video provides 100ohm impedance

* Stereo audio provides unbalanced 600ohm impedance

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HDMI & DVI Swivel Connectors

Cables & Adaptors



What does it do?

This unique and flexible connector allows a cable or adaptor to transform into a right or left-angle up to 180 degrees without having any effect on its performance. It is perfect for wall-mount installations and other tight areas.

HDMI Patented Design



Swivel HDMI & DVI products' production process uses laser jacket stripping & aluminum foil cutting with precise machine soldering to maintain the highest level of performance. It is perfect for your Blu-Ray, PS3, Xbox, plasma & LCD HDTV, digital projectors and multimedia computers.

Features:

- Patented swivel design that eliminates bend radius
- Swivels to 180 degrees on either left or right direction*
- Converts DVI port connection into HDMI, or vice versa
- Reduce cable stress for best audio & video performance
- PortSaver adaptor saves the port from wear & tear*
- Factory certified "Green" by Sony & Samsung
- DVI 1.0 & HDCP Compliant
- Supports 720p/1080i/1080p/1440p
- Exceeds EU's RoHS specification
- 100% lead-free & toxic free

* The adaptors can swivel up or down, then rotate 180 degrees.
Swivel cables all male to male and available in lengths of 2 & 3 meters

* PortSaver is HDMI male to female adaptor (HDGA-MF)

Adaptors



Cables



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VGA/HDMI WIRELESS

PRESENTATION SYSTEM

VGA/HDMI WIRELESS CONNECTION

for Projector/HDTV with Audio/Video Mirroring
(PC/MAC/Windows Mobile)

SKU: VW-4PH (VGA + HDMI)

Connect multiple computers with Wi-Fi wireless to access the projector or HDTV with VGA or HDMI port wirelessly up to 200ft. Single-module design and has log-in protection that provides secured access. Supports A/V streaming thru screen mirroring, and DirectX application projection such as AutoCAD, ProE, and 3D PC games.

Supports 10/100BaseT Wired-LAN, Wi-Fi IEEE802.11b/g/n. Works with Windows 7/Vista/XP/2K, Windows Mobile v6 and Mac OS X systems.



These wireless video projector switchers are perfect educational tools for any classroom. Built-in conference-control web-based interface allows teachers to select which connected students' PC's to show on the projector.

The latest VGA + HDMI & airVGA II offers new features such as MAC support and four-way screen-split, allowing four computers to be displayed at once.



VGA/WXGA WIRELESS CONNECTION

for Projector with Streaming Video
(PC/MAC/Windows Mobile)

SKU: VW-4PM (AIRVGA II)

Connect hundreds of computers with Wi-Fi wireless to access the projector or HDTV with VGA port wirelessly up to 200ft. Single-module design and has log-in protection that provides secured access. Supports A/V streaming thru AVI/MPG file.

Supports 10/100BaseT Wired-LAN, Wi-Fi IEEE802.11b/g. Works with Windows 7/Vista/XP/2K, Windows Mobile v6 and Mac OS X systems. Mac OS X is limited to screen mirroring only.



VGA & HDMI CABLES

UltraThin VGA/QXGA with Audio

SKU: CC388MA

LENGTHS: 3, 6, 10, 15, 25, 35, 50, 75, 100FT
CONNECTION: MALE TO MALE



VGA/WXGA WIRELESS CONNECTION

for Projector with Streaming Video
(PC)

SKU: VW-1P (AIRVGA I)

Connect hundreds of computers with Wi-Fi wireless to access the projector or HDTV with VGA port wirelessly up to 200ft. Single-module design and has log-in protection that provides secured access. Supports A/V streaming thru AVI/MPG file.

Supports 10/100BaseT Wired-LAN, Wi-Fi IEEE802.11b/g. Works with Windows 7/Vista/XP/2K.



HDMI A/V Swivel Cable

SKU: HDGA

LENGTHS: 2METERS, 3METERS
CONNECTION: MALE TO MALE

