

PureLink™



PM-128x

128x128 Cross-Platform Modular Mat

PUREMEDIA

HD TOOLS

TOTALWIRE

PUREVIEW™

PURE STREAM

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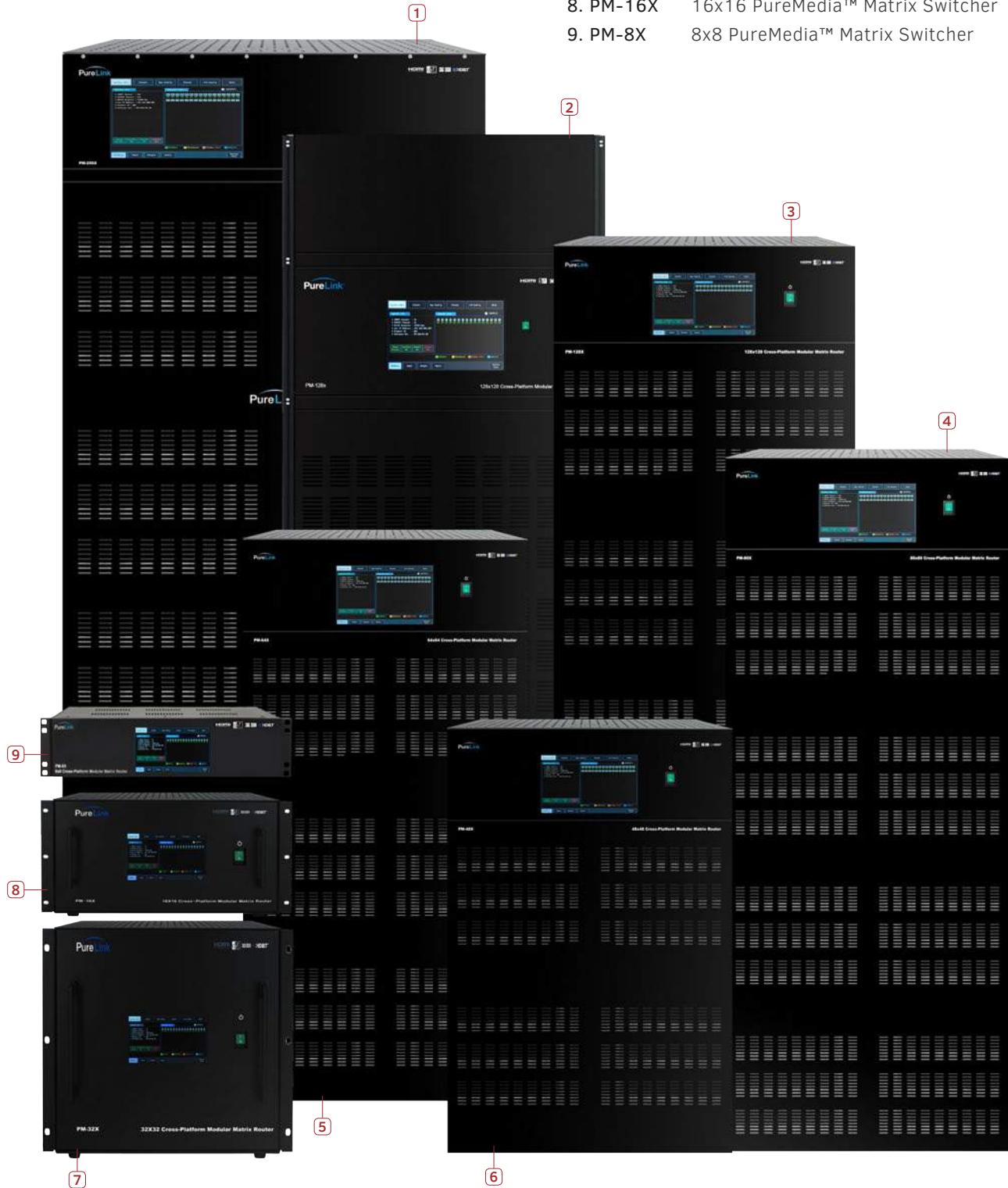


# Matrix Switchers

PM | UX | HX | HTX | MXA | MX

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PureLink's comprehensive line of media and data distribution systems – from its flagship PureMedia signal management solutions to first-in-class HDMI 2.0a matrix switchers – integrate a variety of powerful features to reliably distribute Ultra HD video, audio, and control signals from multiple sources to multiple displays/destinations. PureLink matrix switching systems are engineered to provide flexible, customized solutions to meet any design requirement, driving mission-critical A/V from corporate boardrooms to command centers across the globe.



PureMedia™ (PM) is a complete media and data distribution management solution, proven to work consistently and seamlessly to provide a scalable, configurable, controllable, and reliable HD ecosystem. PureMedia signal management solutions combine the industry's fastest switching speeds with the most flexible, hybrid architecture, built for the convenience of the user – now and in the future.

## Ultra HD/4K

PureMedia offers a complete catalog of distribution and extension solutions for 4K/60 connectivity that can be customized for any application. From 4K matrix switcher frames to 4K extenders, all with TOTALWIRE™ (HDMI, HDBaseT, and Fiber) cabling, PureMedia solutions deliver a more seamless transition to 4K connectivity than any other provider.

## Universal Cross-Platform Architecture

Advanced Cross-Platform Switching Technology allows any input, any frame rate, and any format to be converted to any output variation desired, with support for HDMI v1.4, DVI, 3G/HD-SDI, VGA/Component, Fiber Optic, and HDBaseT.

## Fully Modular and Expandable

The modular, slot card build of PM Matrix Switchers (fully expandable from 4x4 to 256x256), combined with a comprehensive selection of input and output cards, provide endless combinations of connectivity and formats

## Motore™ 4K Scaling

PureMedia matrix switching systems powered by Motore™ provide comprehensive features including Ultra HD upscaling and downscaling, frame rate conversion, smooth motion performance, crisp imaging, as well as auto-scaling for seamless reproduction on every display.

## Diagnostics

PureMedia matrix switching systems provide diagnostic information of input signals, displays, slot cards, and connectivity. An assortment of test patterns is available to confirm output connections and display/image verification at various resolutions.

## EDID Management

The PM product line is the only matrix switching system that automatically scales each output to match the EDID from the attached displays. The result is a quick, clean switch from source to display without any disparities in the image size, position, or aspect ratio. PureMedia matrix switchers provide the most comprehensive EDID management system available, ensuring proper image display without the need for additional emulation devices.

## Control

With intuitive touch screen menus and a complete external control command set, PureMedia provides the features and functions that meet the unique requirements of each application. Third party control modules allow remote operation and automation of PM matrix switchers, providing a fully customizable solution that delivers a seamless user experience.

Features	Model Number   I/O Capacity	
	PM-8X	PM-16X
	8x8	16x16
3G/HD-SDI, CATx (HDBaseT), DVI, Fiber, HDMI, VGA, Component Video interchangeable switching	•	•
Ultra HD (4k2k) support	•	•
Full HD support (1080p, 1920 x 1200 @ 60Hz)	•	•
HDMI v1.4b support	•	•
Dual Link DVI support (2560 x 1600 @ 60Hz)	•	•
HDCP-compliant	•	•
EDID (Emulation and Selectable Presets)	•	•
5-pin Phoenix Balanced/Unbalanced Audio Matrix Routing	Optional	Optional
POE (all outputs simultaneously) for PM Tx and Rx Modular Extenders	•	•
Redundant Power	•	•
Advanced RS-232	•	•
Inputs directly compatible with PM Extender Transmitters	•	•
Outputs directly compatible with PM Extender Receivers	•	•
Selectable PCM 2 Channel Audio Extraction	•	•
Selectable Audio Insertion/Extraction	•	•
LCD Touchscreen Display with Security Lockout	•	•
Input/Output Signal Analysis (Resolution, EDID, HDCP)	•	•
Bi-Directional RS-232/LAN Control	•	•
Independent Input Monitoring Loop with HDMI output	•	•
Built-In Test Pattern Generator	•	•
Auto-Scaling with Don't Blink™ Switching Technology <sup>3,4</sup>	•	•
GenLock for 3G/HD-SDI	•	•
Field-Updateable Firmware (PC to USB)	•	•
Router-Based Firmware Updating of Extenders	•	•
Frame Only	•	•

1. Beyond standard allotment, custom per channel audio matrix routing option available
2. May require additional PSU add-on
3. Router and receiver-based scaling via options PM-DOS4S, PM-HOS4S, PM-SOS4, PM-CR102 (-RF), and PM-FR102 (-RF) support up to HDMI v1.3
4. Router and receiver-based scaling via options PM-DOS4S-U, PM-HOS4S-U, PM-SOS4-U, PM-CR102-U, and PM-FR102-U support up to HDMI v1.4



# Input Card Options PM Series

PUREMEDIA

## → HDMI



**PM-HIS4-U**

4 HDMI Inputs  
with Audio Insert/Extract - UltraHD 4K



**PM-HIS4-UV** (NEW)

4 HDMI Inputs  
with Audio Insert/Extract for PM-180X - UltraHD 4K

## → DVI



**PM-DIS4-U**

4 DVI Inputs with Audio Insert/Extract - UltraHD 4K



**PM-DIS4-UV** (NEW)

4 DVI Inputs  
with Audio Insert/Extract for PM-180X - UltraHD 4K

## → HDBaseT



**PM-CIS4**

4 HDBaseT & HDMI Inputs  
with Audio Insert/Extract - Full HD



**PM-CIS4-UV** (NEW)

4 HDBaseT Inputs  
with Audio Insert/Extract for PM-180X - UltraHD 4K

## → Fiber



**PM-FIS4**

4 2LC Fiber & HDMI Inputs  
with Audio Insert/Extract - Full HD



**PM-FIS4-UV** (NEW)

4 1LC Fiber Inputs  
with Audio Insert/Extract for PM-180X - UltraHD 4K

# Input Card Options PM Series

PUREMEDIA

## SDI



**PM-SIS4**

4 3G/HD-SDI Inputs with Audio Insert/Extract - Full HD

**PM-SIS4-V** (NEW)

4 3G/HD-SDI Inputs  
with Audio Insert/Extract for PM-180X- Full HD

## VGA



**PM-AIS4**

4 VGA Inputs with Audio Insert - Full HD

# Output Card Options PM Series

PUREMEDIA

## HDMI



**PM-HOS4-U**

4 HDMI Outputs  
with Audio Insert/Extract - Ultra HD 4K



**PM-HOS4-UV** (NEW)

4 HDMI Outputs  
with Audio Insert/Extract for PM-180X - Ultra HD 4K



**PM-HOS4S-U**

4 HDMI Outputs with Auto-scaling & Seamless  
Switching - Ultra HD 4K



**PM-HOS4S-UV** (NEW)

4 HDMI Outputs with Auto-scaling & Seamless  
Switching for PM-180X - Ultra HD 4K



**PM-HOS4S-U-MV** (NEW)

1 Multi-View HDMI Output with Auto-scaling & Seamless  
Switching - Ultra HD 4K

## DVI



**PM-DOS4**

4 DVI & HDMI Outputs  
with Audio Insert/Extract - Full HD



**PM-DOS4-U**

4 DVI Outputs with Audio Insert/Extract - Ultra HD 4K



**PM-DOS4S**

4 DVI Outputs with Auto-scaling & Seamless Switching  
- Full HD



**PM-DOS4S-U**

4 DVI Outputs with Auto-scaling & Seamless Switching  
- Ultra HD 4K



**PM-DOS4-UV** (NEW)

4 DVI Outputs  
with Audio Insert/Extract for PM-180X - Ultra HD 4K



**PM-DOS4S-UV** (NEW)

4 DVI Outputs with Auto-scaling & Seamless Switching  
for PM-180X - Ultra HD 4K

## → DVI



**PM-DOS4-QV**

1 Quad-View DVI Output with Auto-scaling & Seamless Switching - Full HD



**PM-DOS4-QVV** (NEW)

1 Quad-View DVI Output with Auto-scaling & Seamless Switching for PM-180X - Full HD

## → HDBaseT



**PM-COS4**

4 HDBaseT & HDMI Outputs  
with Audio Insert/Extract - Full HD



**PM-COS4-UV** (NEW)

4 HDBaseT & HDMI Outputs  
with Audio Insert/Extract - Ultra HD 4K

## → Fiber



**PM-FOS4**

4 2LC Fiber & HDMI Outputs  
with Audio Insert/Extract - Full HD



**PM-FOS4-UV** (NEW)

4 1LC Fiber & HDMI Outputs  
with Audio Insert/Extract for PM-180X - Ultra HD 4K

## SDI



**PM-SOS4**

4 3G/HD-SDI Outputs with Audio Insert - Full HD



**PM-SOS4-V** (NEW)

4 3G/HD-SDI Outputs  
with Audio Insert for PM-180X - Full HD



**PM-SOS4-U** (NEW)

4 3G/HD-SDI Outputs with 4K Downscaling & Audio  
Insert - Full HD



**PM-SOS4-UV** (NEW)

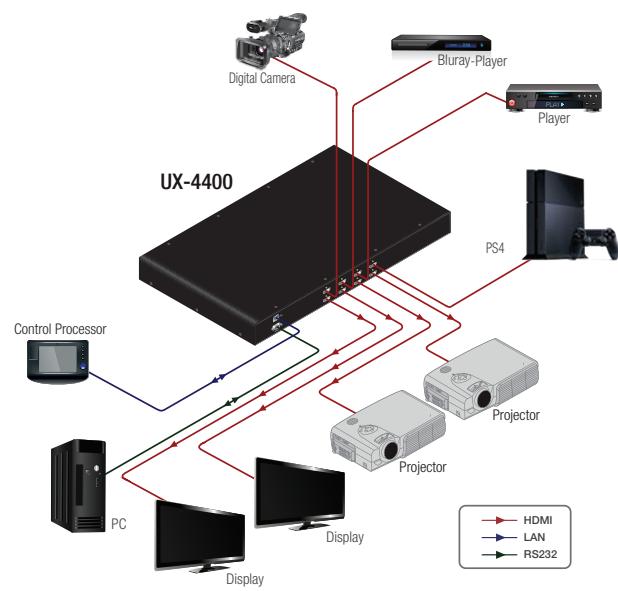
4 3G HD-SDI Outputs with 4K Downscaling & Audio  
Insert for PM-180X - Full HD



The UX-4400 provides switching of up to four HDMI 2.0a inputs and outputs with advanced EDID management and HDCP 2.2 compliance. The UX-4400 offers full Ultra HD/4K support and multiple control options including RS-232C and LAN ports. PureLink's legendary EDID management system ensures compatibility across multiple display types and delivers consistent connectivity with quick, clean switching from source to display for a seamless presentation experience.

### Key Features

- 4x4 HDMI 2.0a matrix switching
- Resolutions up to 4K@50/60 Hz (4:4:4 pixel format)
- HDMI 2.0a, HDCP 2.2 support
- Advanced EDID Management
- Bi-directional RS232/LAN control
- Locking HDMI ports



### Technical Specifications

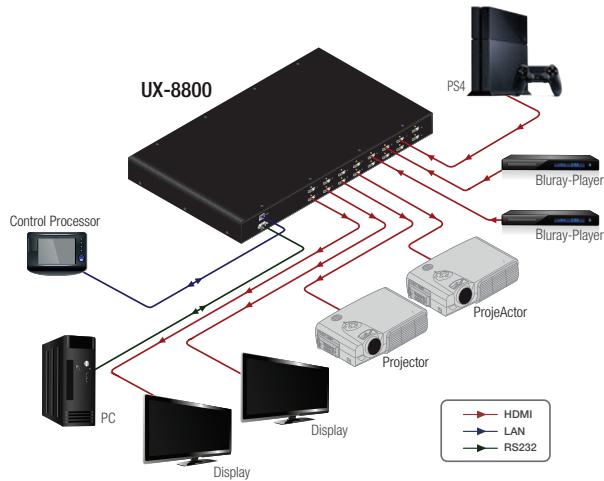
INPUTS	4 HDMI
OUTPUTS	4 HDMI
RESOLUTION	4096 x 2160 @50/60Hz RGB/YCbCr 4:4:4 8 bits, 4:2:0 10/12/16 bits
DATA RATE	18 Gbps
OPERATING	32° ~ 117° F (0° to 47° C)
STORAGE	- 40° ~ 158° F (-40° to 70° C)
HUMIDITY	0 ~ 90% non-condensing
MTBF	95,000 hours
SUPPORTED FORMAT	HDMI 2.0a
COMPLIANCE	Yes HDCP 2.2
ACCESSORIES	DC +12V   5.0A   Max 60w (power supply)
DIMENSIONS (W x D x H)	19" x 8.0" x 1.75" in. 482.6 x 203.2 x 44.45 mm
WEIGHT	6.7 lbs (3.04 kg)



The UX-8800 provides switching of up to eight HDMI 2.0a inputs and outputs with advanced EDID management and HDCP 2.2 compliance. The UX-4400 offers full Ultra HD/4K support and multiple control options including RS-232C and LAN ports. PureLink's legendary EDID management system ensures compatibility across multiple display types and delivers consistent connectivity with quick, clean switching from source to display for a seamless presentation experience.

### Key Features

- 8x8 HDMI 2.0a matrix switching
- Resolutions up to 4K@50/60 Hz (4:4:4 pixel format)
- HDMI 2.0a, HDCP 2.2 support
- Advanced EDID Management
- Bi-directional RS232/LAN control
- Locking HDMI ports



### Technical Specifications

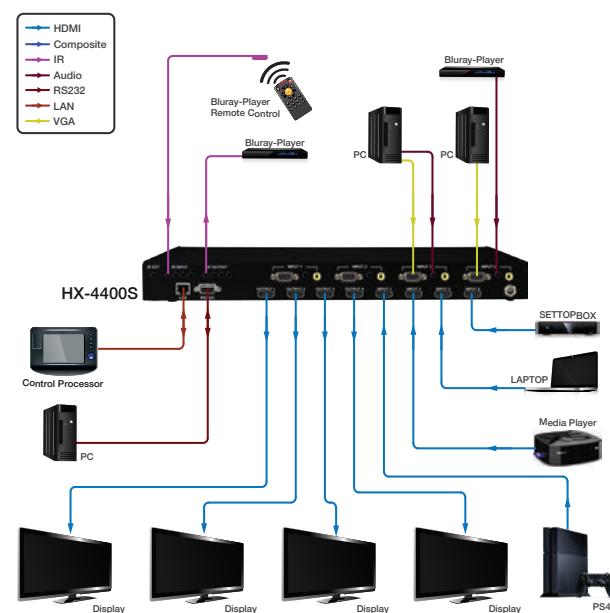
INPUTS	8 HDMI
OUTPUTS	8 HDMI
RESOLUTION	4096 x 2160 @50/60Hz RGB/YCbCr 4:4:4 8 bits, 4:2:0 10/12/16 bits
DATA RATE	18 Gbps
OPERATING	32° ~ 117° F (0° to 47° C)
STORAGE	- 40° ~ 158° F (-40° to 70° C)
HUMIDITY	0 ~ 90% non-condensing
MTBF	95,000 hours
SUPPORTED FORMAT	HDMI 2.0a
COMPLIANCE	Yes HDCP 2.2
ACCESSORIES	DC +12V   5.0A   Max 60w (power supply)
DIMENSIONS (W x D x H)	19" x 8.0" x 1.75" in. 482.6 x 203.2 x 44.45 mm
WEIGHT	6.7 lbs (3.04 kg)



The HX-4400S is a (4) HDMI or VGA input to (4) HDMI output integrated matrix switcher featuring built-in Auto-scaling, Multiview, and video wall functionalities for high-impact digital signage and presentation applications. The HX-4400S provides a reliable and convenient solution for displaying content from four HD or analog sources on up to four separate HDTV displays. Each of the windows can be individually scaled and positioned on the screen as desired.

### Key Features

- Don't Blink™ Seamless Switching with Auto-scaling
- Resolutions up to 1080p and 1920x1200 (WUXGA)
- HDCP compliant
- Default pre-configured Multiview window arrangements and video wall function
- Custom Multiview window layouts can be accessed via front panel buttons
- User-selectable playback of HDMI audio content from any of the four inputs
- Controllable via front panel controls, LAN, and RS-232
- Easy firmware upgrade via web server interface



### Technical Specifications

<b>INPUTS</b>	HDMI, DVI, VGA/Component, Composite
<b>OUTPUTS</b>	HDMI, DVI
<b>HDMI RESOLUTION</b>	480i to 1080p@60Hz,
<b>VGA RESOLUTION</b>	Up to 1920x1080@60Hz
<b>DATA RATE</b>	10.2 Gbps
<b>OPERATING</b>	32° ~ 117° F (0° to 47° C)
<b>STORAGE</b>	- 40° ~ 158° F (-40° to 70° C)
<b>HUMIDITY</b>	0 ~ 90% non-condensing
<b>MTBF</b>	50,000 hours
<b>HDMI VERSION</b>	HDMI 1.3
<b>COMPLIANCE</b>	Yes, HDCP 1.4
<b>ACCESSORIES</b>	DC +12V   2.5A (power supply)
<b>DIMENSIONS (W x D x H)</b>	17.3" x 7.9" x 1.8" in 440 x 200 x 45
<b>WEIGHT</b>	5.2 lbs (2.38 kg)

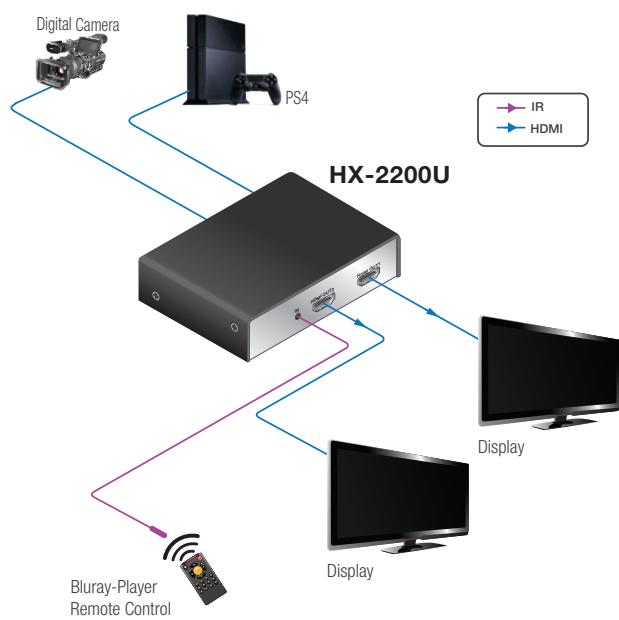


The HX-2200-U provides switching of two (2) HDMI inputs and outputs with support for Ultra HD/4K signals, 3D pass-through capability, and advanced EDID management.

### Key Features

- 2x2 HDMI Matrix Switching
- Supports resolutions up to 4K@60Hz (YCbCr 4:2:0)
- Supports 3D pass-through
- HDCP Compliant
- EDID emulation and selectable presets
- Multiple control options including RS-232 and IR

### Technical Specifications



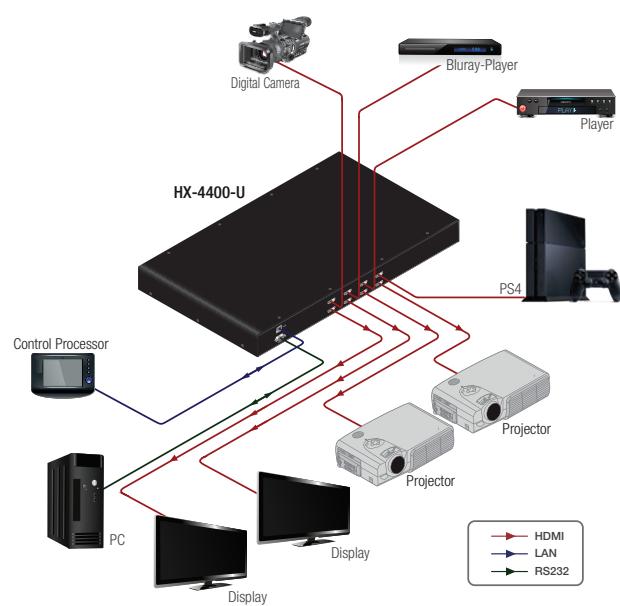
INPUTS	2 HDMI
OUTPUTS	2 HDMI
IR INPUT	TRS jack x 1
RESOLUTION	4K x 2K
BAUD RATE	9600 bps
	8 data bits
	1 stop bit
	no parity
OPERATING	32° ~ 117° F (0° to 47° C)
STORAGE	- 40° ~ 158° F (-40° to 70° C)
HUMIDITY	0 ~ 90% non-condensing
MTBF	50,000 hours
SUPPORTED FORMAT	HDMI 1.4b
COMPLIANCE	Yes, HDCP 2.0
ACCESSORIES	DC +12V Lock (power supply)
DIMENSIONS (W x D x H)	5.90" x 3.15" x 0.98" in. 150 x 80 x 25 mm
WEIGHT	0.67 lbs (0.3 kg)



The HX-4400-U provides switching of up to four (4) HDMI inputs and outputs with support for Ultra HD/4K signals, multiple control options, and advanced EDID management.

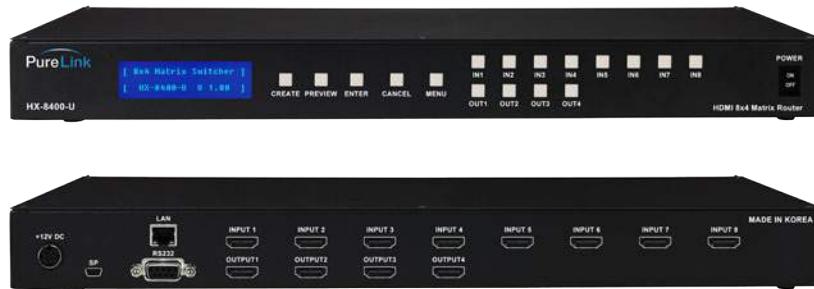
### Key Features

- 4x4 HDMI Matrix Switching
- Supports resolutions up to 4K@60Hz (YCbCr 4:2:0)
- Supports full 3D & 48-Bit Deep Color
- HDCP Compliant
- EDID emulation and selectable presets
- Control via front panel display, RS-232, and LAN
- Compatible with third party control devices including AMX, Extron, Vista, and Crestron
- Field-upgradeable firmware



### Technical Specifications

INPUTS	4 HDMI
OUTPUTS	4 HDMI
PC RESOLUTION	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTION	Up to Ultra HD 4K 4096 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 4096 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DATA RATE	10.2 Gbps
OPERATING	32° ~ 117° F (0° to 47° C)
STORAGE	- 40° ~ 158° F (-40° to 70° C)
HUMIDITY	0 ~ 90% non-condensing
MTBF	95,000 hours
HDMI VERSION	HDMI 1.4
COMPLIANCE	Yes, HDCP 2.0
ACCESSORIES	DC +12V 5.0A (power supply)
DIMENSIONS (W x D x H)	19" x 8.0" x 1.75" in 482.6 x 203.2 x 44.45 mm
WEIGHT	6.7 lbs (3.04 kg)

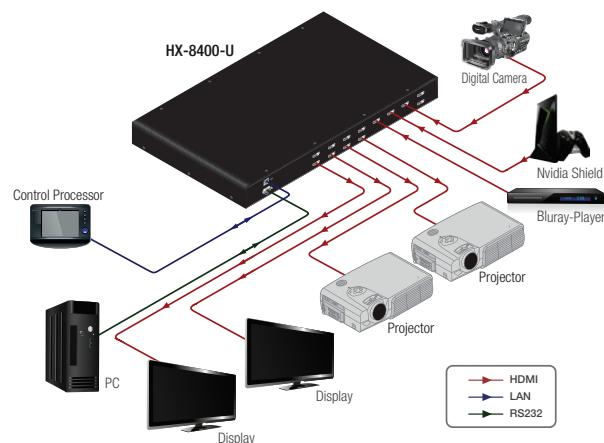


The HX-8400-U provides switching of up to eight (4) HDMI inputs to four (4) HDMI outputs with support for Ultra HD/4K signals, multiple control options, and advanced EDID management.

### Key Features

- 8x4 HDMI Matrix Switching
- Supports resolutions up to 4K@60Hz (YCbCr 4:2:0)
- Supports full 3D & 48-Bit Deep Color
- HDCP Compliant
- EDID emulation and selectable presets
- Control via front panel display, RS-232, and LAN
- Compatible with third party control devices including AMX, Extron, Vista, and Crestron
- Field-upgradeable firmware

### Technical Specifications



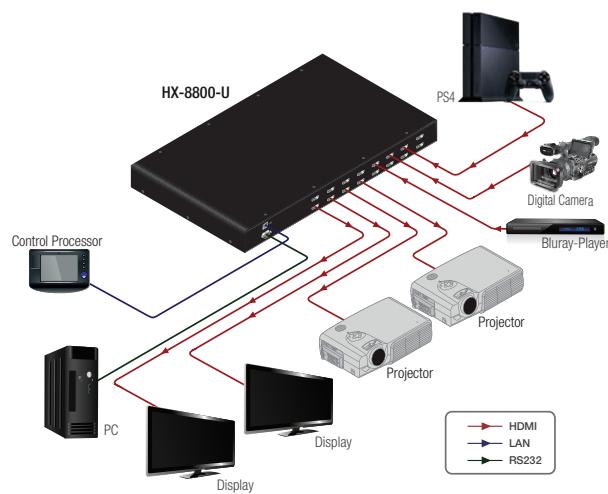
INPUTS	8 HDMI
OUTPUTS	4 HDMI
PC RESOLUTION	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTION	Up to Ultra HD 4K 4096 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 4096 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DATA RATE	10.2 Gbps
OPERATING	32° ~ 117° F (0° to 47° C)
STORAGE	- 40° ~ 158° F (-40° to 70° C)
HUMIDITY	0 ~ 90% non-condensing
MTBF	95,000 hours
HDMI VERSION	HDMI 1.4
COMPLIANCE	Yes, HDCP 2.0
ACCESSORIES	DC +12V 5.0A (power supply)
DIMENSIONS (W x D x H)	19" x 8.0" x 1.75" in 482.6 x 203.2 x 44.45 mm
WEIGHT	6.7 lbs (3.04 kg)



The HX-8800-U provides switching of up to eight (4) HDMI inputs and outputs with support for Ultra HD/4K signals, multiple control options, and advanced EDID management.

## Key Features

- 8x8 HDMI Matrix Switching
- Supports resolutions up to 4K@60Hz (YCbCr 4:2:0)
- Supports full 3D & 48-Bit Deep Color
- HDCP Compliant
- EDID emulation and selectable presets
- Multiple control options including front panel display, RS-232, and LAN
- Compatible with third party control devices including AMX, Extron, Vista, and Crestron
- Field-upgradeable firmware



## Technical Specifications

INPUTS	8 HDMI
OUTPUTS	8 HDMI
PC RESOLUTION	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTION	Up to Ultra HD 4K 4096 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 4096 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DATA RATE	10.2 Gbps
OPERATING	32° ~ 117° F (0° to 47° C)
STORAGE	- 40° ~ 158° F (-40° to 70° C)
HUMIDITY	0 ~ 90% non-condensing
MTBF	95,000 hours
HDMI VERSION	HDMI 1.4
COMPLIANCE	Yes, HDCP 2.0
ACCESSORIES	DC +12V 5.0A (power supply)
DIMENSIONS (W x D x H)	19" x 8.0" x 1.75" in 482.6 x 203.2 x 44.45 mm
WEIGHT	6.7 lbs (3.04 kg)

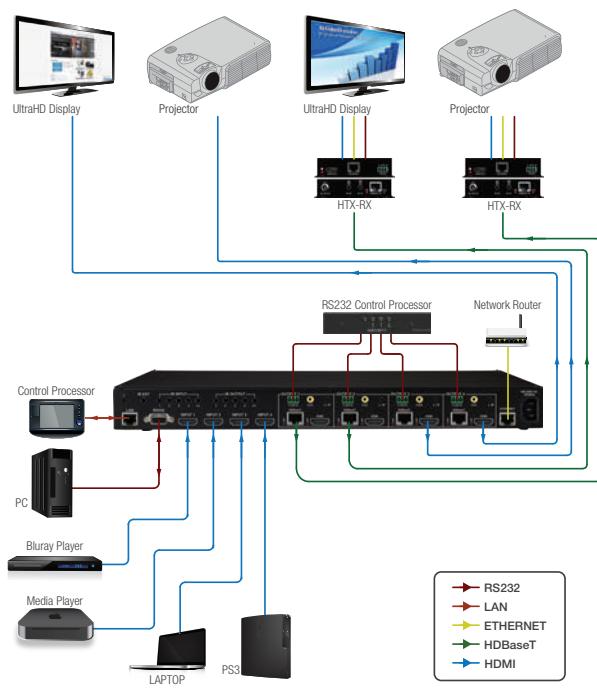


The HTX-4400-U provides independent switching of (4) Ultra HD/4K sources to (4) remote destinations via HDBaseT™ (with HTX receivers, sold separately) and (4) local destinations via HDMI. It also features convenient third-party control system compatibility via TCP/IP, RS-232 or IR, comprehensive EDID management, and a compact 1RU, rack-mountable chassis for easy installation.

### Key Features

- Provides matrix switching of (4) Ultra HD/4K inputs to (4) Ultra HD/4K outputs via HDMI and HDBaseT
- HDCP v2.2 Compliant
- HDMI 1.4b Ultra HD performance
- HDBaseT 5-Play Technology for transmission of 4K video, HD multichannel audio, bi-directional IR, RS-232, Ethernet, and power over a single CATx cable
- Mirrored HDMI/HDBaseT outputs, providing up to 8 possible output connections
- Full 3D support

### Technical Specifications



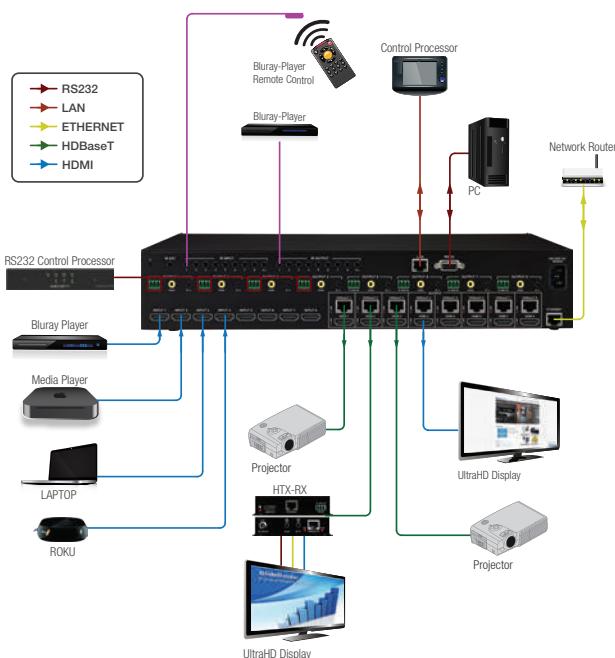
<b>INPUTS</b>	4 x HDMI, 5 x IR Receiver 1x RS232, 1 x RJ-45(Control)
<b>OUTPUTS</b>	4 x RS232, 1X Ethernet(Network) 4 x CAT5e / 6 / 7 5 x IR Blaster, 4 x HDMI
<b>RESOLUTION</b>	480i, 576i, 480p, 576p, 720p, 1080i, 1080p24 / 30 / 50 / 60, 4Kx2K@30
<b>DATA RATE</b>	10.2 Gbps
<b>OPERATING</b>	32° ~ 104° F (0° to 40° C)
<b>STORAGE</b>	- 4° ~ 140° F (-20° to 60° C)
<b>HUMIDITY</b>	20 ~ 90 % RH ( non-condensing )
<b>MTBF</b>	95,000 hours
<b>HDMI VERSION</b>	HDMI 1.4b
<b>COMPLIANCE</b>	Yes, HDCP 2.2
<b>ACCESSORIES</b>	DC +12V 5.0A (power supply)
<b>DIMENSIONS</b>	17.32" x 7.87" x 1.77" in. 439.93 x 199.9 x 44.96 mm
<b>(W x D x H)</b>	
<b>WEIGHT</b>	4.01 Lbs (1.8kg)



The HTX-8800-U provides independent switching of (8) Ultra HD/4K sources to (8) remote destinations via HDBaseT™ (with HTX receivers, sold separately) and (8) local destinations via HDMI. It also features convenient third-party control system compatibility via TCP/IP, RS-232 or IR, comprehensive EDID management, and a compact 2 RU, rack-mountable chassis for easy installation.

### Key Features

- Provides matrix switching of (4) Ultra HD/4K inputs to (4) Ultra HD/4K outputs via HDMI and HDBaseT
- HDCP v2.2 Compliant
- HDBaseT 5-Play Technology for transmission of 4K video, HD multichannel audio, bi-directional IR, RS-232, Ethernet, and power
- Mirrored HDMI/HDBaseT™ outputs, providing up to 16 ports
- Audio de-embedding for each output via (1) RCA analog stereo or (1) RCA coaxial digital output
- Full 3D support (up to 1080p)



### Technical Specifications

<b>INPUTS</b>	8 x HDMI, 9 x IR Receiver 1x RS232, 1 x RJ-45(Control)
<b>OUTPUTS</b>	8 x RS232, 1 X Ethernet(Network) 8×CAT5e/ 6/ 7, 9×IR Blaster 8×HDMI, 8×Analog Audio 8×Digital audio
<b>RESOLUTION</b>	480i, 576i, 480p, 576p, 720p, 1080i, 1080p24 / 30 / 50 / 60, 4Kx2K@30
<b>DATA RATE</b>	10.2 Gbps
<b>OPERATING</b>	32° ~ 104° F (0° to 40° C)
<b>STORAGE</b>	- 4° ~ 140° F (-20° to 60° C)
<b>HUMIDITY</b>	20 ~ 90 % RH ( non-condensing )
<b>MTBF</b>	95,000 hours
<b>HDMI VERSION</b>	HDMI 1.4
<b>COMPLIANCE</b>	Yes, HDCP 2.2
<b>ACCESSORIES</b>	DC +12V 5.0A (power supply)
<b>DIMENSIONS (W x D x H)</b>	17.32" x 14.25" x 3.46" in. 439.93 x 361.95 x 88 mm
<b>WEIGHT</b>	14.77 Lbs (6.7kg)



MXA-DVI1616



MXA-DVI3232 Rear view



MDOS4

The MXA-DVI Series provides high performance matrix switching of single link DVI signals with support for HDTV resolutions up to 1080p@60Hz. Available in I/O sizes from 8x8 to 32x32, the MXA-DVI Series is ideal for small to mid-sized networks that require high performance switching of DVI signals between multiple devices.

### Key Features

- Available in I/O configurations from 8x8 to 32x32
- Supports WUXGA 1920x1200 and HDTV resolutions up to 1080p@60Hz
- HDCP compliant
- Advanced EDID management maintains communication between connected devices
- Control via touch screen display, LAN TCP/IP or RS-232C

### Technical Specifications

INPUTS	8x8 Matrix Up to 32x32
OUTPUTS	8x8 Matrix Up to 32x32
PC RESOLUTION	Up to 1900x1200@60Hz
HDTV RESOLUTION	Up to 1920x1080p@60Hz
DATA RATE	5 Gbps
OPERATING	32° ~ 104° F (0° to 40° C)
STORAGE	- 4° ~ 140° F (-20° to 60° C)
HUMIDITY	20 ~ 90 % RH
MTBF	95,000 hours
DVI VERSION	DVI 1.0
COMPLIANCE	Yes, HDCP 1.4
ACCESSORIES	DC +12V 5.0A (power supply)
RACK MOUNTING	4 RU & 8 RU
DIMENSIONS (W x D x H)	19" x 11.57" x 7" in. 482 x 294 x 178 mm
WEIGHT	16 Lbs (7.26kg)

Item No.	Description
MXA-DVI88	8x8 DVI Matrix Switcher – Full HD
MXA-DVI1212	12x12 DVI Matrix Switcher – Full HD
MXA-DVI1616	16x16 DVI Matrix Switcher – Full HD
MXA-DVI2020	20x20 DVI Matrix Switcher – Full HD
MXA-DVI2424	24x24 DVI Matrix Switcher – Full HD
MXA-DVI2828	28x28 DVI Matrix Switcher – Full HD
MXA-DVI3232	32x32 DVI Matrix Switcher – Full HD



The MX-800 provides high performance matrix switching of single link DVI signals with support for HDTV resolutions up to 1080p@60Hz. Featuring a modular design, the MX-800 provides eight (8) DVI inputs and a choice of four (4) or eight (8) DVI outputs for flexible, high performance switching of DVI signals between multiple devices.

### Key Features

- Modular architecture with field-upgradeable I/O cards
- Supports WUXGA 1920 x 1200 and HDTV resolutions up to 1080p
- Supports up to 2.25 Gbps (Single Link) data transmission speed
- HDCP compliant
- Advanced EDID management maintains communication between connected devices



DIS8H



DOS4H

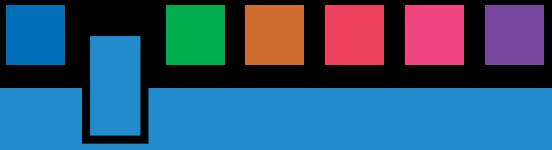
### Technical Specifications

INPUTS	8 DVI
OUTPUTS	4 to 8 DVI
RESOLUTION	Up to 1920 x 1200 (WUXGA)
DISTANCE	Up to 50ft with Copper Cable
LCD DISPLAY WINDOW	20*4 LINES LCD
DATA RATE	Up to 2.25 Gbps
OPERATING	32° ~ 104° F (0° to 40° C)
STORAGE	- 4° ~ 140° F (-20° to 60° C)
HUMIDITY	20 ~ 90 % RH
MTBF	95,000 hours
DVI VERSION	DVI 1.0
COMPLIANCE	Yes, HDCP 1.4
ACCESSORIES	DC +12V 6.6A (power supply)
DIMENSIONS (W x D x H)	17.1" x 8.6" x 3.5" in. 434.34 x 218.44 x 88.9 mm
WEIGHT	9.15 lbs (4.15 kg)

### Related Items

Item No.	Description
DIS8H	DVI Input Board for MX-800, HDCP
DOS4H	DVI Output Board for MX-800, HDCP





# Presentation Systems

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Ideal for small conference rooms, classrooms, and collaboration spaces, PureLink's HDTools presentation systems provide all-in-one operation including Ultra HD video and audio switching, scaling, extension and control in a single box. With built-in Don't Blink Seamless Switching Technology and advanced EDID management, PureLink presentation switchers combines powerful features with off the shelf simplicity for easy installation and maintenance.



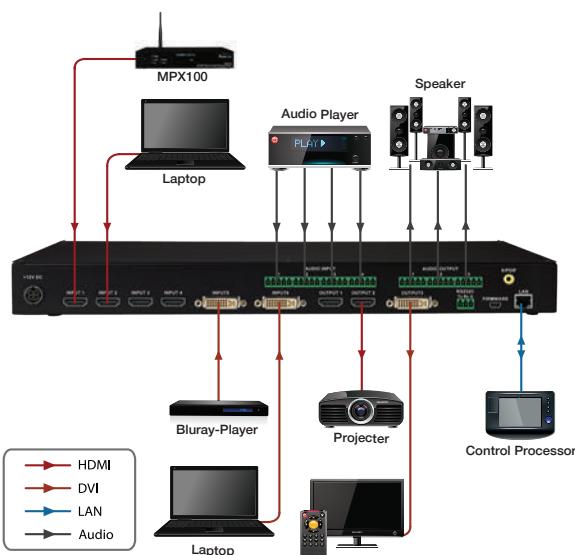
The PS-6300SA is an all-in-one, high performance presentation switcher featuring a built-in auto-scaling and PIP (picture-in-picture) technology for dynamic video display. Together with PureLink's Don't Blink™ Seamless Switching Technology at every output, as well as user-friendly configuration and operation, the PS-6300SA provides full flexibility and convenience in any multimedia presentation environment.

### Key Feature

- All-in-one device – matrix switcher, scaler, analog to digital converter, amplifier, and audio DSP
- Bi-directional 2K scaling with Don't Blink Seamless Switching
- PIP Image Insertion Technology
- 4x3 built-in Balanced/Unbalanced Audio Matrix
- Advanced EDID management
- RS-232/LAN control

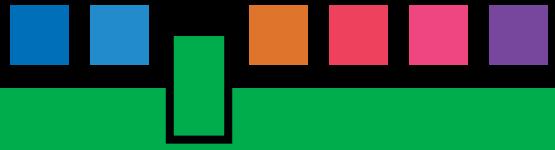
### Technical Specifications

<b>INPUTS</b>	4 HDMI 2 DVI-U
<b>OUTPUTS</b>	2 HDMI 1 DVI-U
<b>INPUT AUDIO</b>	4 Balanced/Un-balanced analog audio (5-pin phoenix connector)
<b>OUTPUT AUDIO</b>	3 Balanced/Un-balanced analog audio (5-pin phoenix connector) 1 S/PDIF digital audio (LP-CM-2Ch, Dolby Digital, or DTS only)
<b>PC RESOLUTION</b>	Up to 1920x1200@ 60Hz
<b>HDTV RESOLUTION</b>	Up to 1080p@ 60Hz
<b>CONNECTOR TYPE</b>	DVI-U : Supports both analog and digital signals (HDMI, DVI, RGBHV, YPbPr)
<b>MTBF</b>	95,000 hours
<b>SUPPORTED FORMAT</b>	HDMI 1.3 DVI 1.0
<b>COMPLIANCE</b>	Yes, HDCP
<b>OPERATING</b>	32° ~ 117° F (0° to 47° C)
<b>STORAGE</b>	- 40° ~ 158° F (-40° to 70° C)
<b>HUMIDITY</b>	0 ~ 90% non-condensing
<b>ACCESSORIES</b>	DC 12V, 5A, 60W (power supply)
<b>DIMENSIONS (W x D x H)</b>	19" x 8.0" x 1.75" in. 482.6 x 203.2 x 44.45 mm
<b>WEIGHT</b>	6.7 lbs (3.04 kg)



## Notes

## Notes



# Extenders

HDMI | DVI | HDBaseT | Fiber Optic

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From wall plate and rack mountable extension packages to HDBaseT and fiber optic modular extender pairs, PureLink's signal extension systems deliver superior connectivity for long distance transmission of audio, video, and control signals – whether across the room or to another building.

## 2K HDBaseT Transmitter Options

**PM-CT101**

HDMI to HDBaseT Transmitter with IR &amp; RS-232

**Technical Specifications**

<b>INPUT TYPE</b>	DVI / HDMI (TMDS) 3.5mm stereo audio
<b>OUTPUT TYPE</b>	HDBaseT 0,1,2,3+/- HDMI (Loop-thru)
<b>DATA SPEED</b>	10.2 Gbps
<b>PC RESOLUTIONS</b>	Up to 1920 x 1200 @60Hz
<b>HDTV RESOLUTIONS</b>	480i ~ 1080p, 2K, 4K
<b>DISTANCE</b>	330 ft (100m)
<b>ACCESSORIES</b>	DC +12V, 10Watts Max (power supply)
<b>DIMENSIONS</b>	6.3 X 4.4 X 1.7 in.
<b>(W x D x H)</b>	160 x 112 x 42 mm
<b>WEIGHT</b>	1.43 Lbs   0.65 kg

**PM-CT102**

HDMI/VGA to HDBaseT Transmitter with IR &amp; RS-232

**Technical Specifications**

<b>INPUT TYPE</b>	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
<b>OUTPUT TYPE</b>	HDBaseT 0,1,2,3+/-
<b>DATA SPEED</b>	10.2 Gbps
<b>PC RESOLUTIONS</b>	Up to 1920 x 1200 @60Hz
<b>HDTV RESOLUTIONS</b>	480i ~ 1080p, 2K, 4K
<b>DISTANCE</b>	330 ft (100m)
<b>ACCESSORIES</b>	DC +12V, 10Watts Max (power supply)
<b>DIMENSIONS</b>	6.3 X 4.4 X 1.7 in.
<b>(W x D x H)</b>	160 x 112 x 42 mm
<b>WEIGHT</b>	1.43 Lbs   0.65 kg

**PM-CT103**

HDMI to HDBaseT Receiver with RS-232 - Wall Plate

**Technical Specifications**

<b>INPUT TYPE</b>	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
<b>OUTPUT TYPE</b>	HDBaseT 0,1,2,3+/-
<b>DATA SPEED</b>	10.2 Gbps
<b>PC RESOLUTIONS</b>	Up to 1920 x 1200 @60Hz
<b>HDTV RESOLUTIONS</b>	480i ~ 1080p, 2K, 4K
<b>DISTANCE</b>	330 ft (100m)
<b>ACCESSORIES</b>	DC +12V, 10Watts Max (power supply)
<b>DIMENSIONS</b>	3.6 X 4.24 X 2.25 in.
<b>(W x D x H)</b>	91.44 x 107.7 x 57.15 mm
<b>WEIGHT</b>	1.0 Lbs   0.45 kg

## 2K HDBaseT Receiver Options



### PM-CR101

HDBaseT to HDMI Receiver with IR & RS-232

#### Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS	6.3 X 4.4 X 1.7 in.
(W x D x H)	160 x 112 x 42 mm
WEIGHT	1.43 Lbs   0.65 kg



### PM-CR102

HDBaseT to HDMI Receiver with Auto-scaling & Seamless Switching

#### Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS	6.3 X 5.7 X 1.7 in.
(W x D x H)	160 x 145 x 42 mm
WEIGHT	1.77 Lbs   0.80 kg



### PM-CR103

HDBaseT to HDMI Receiver with RS-232 - Wall Plate

#### Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 15Watts Max (power supply)
DIMENSIONS	3.6 X 4.24 X 2.25 in.
(W x D x H)	91.44 x 107.7 x 57.15 mm
WEIGHT	1.0 Lbs   0.45 kg

## 2K Fiber Optic Transmitter Options

**PM-FT101**

HDMI to 2 LC Fiber Transmitter with RS-232

**Technical Specifications**

<b>INPUT TYPE</b>	DVI / HDMI (TMDS) 3.5mm stereo audio
<b>OUTPUT TYPE</b>	2LC Fiber HDMI (Loop-thru)
<b>DATA SPEED</b>	10.2 Gbps
<b>PC RESOLUTIONS</b>	Up to 1920 x 1200 @60Hz
<b>HDTV RESOLUTIONS</b>	480i ~ 1080p, 2K, 4K
<b>DISTANCE</b>	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4 Watts Max (power supply)
<b>DIMENSIONS</b>	6.3 X 4.4 X 1.7 in.
<b>(W x D x H)</b>	160 x 112 x 42 mm
<b>WEIGHT</b>	1.43 Lbs   0.65 kg

**PM-FT102**

HDMI/VGA to 2 LC Fiber Transmitter with RS-232

**Technical Specifications**

<b>INPUT TYPE</b>	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
<b>OUTPUT TYPE</b>	2LC Fiber
<b>DATA SPEED</b>	10.2 Gbps
<b>PC RESOLUTIONS</b>	Up to 1920 x 1200 @60Hz
<b>HDTV RESOLUTIONS</b>	480i ~ 1080p, 2K, 4K
<b>DISTANCE</b>	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4 Watts Max (power supply)
<b>DIMENSIONS</b>	6.3 X 4.4 X 1.7 in.
<b>(W x D x H)</b>	160 x 112 x 42 mm
<b>WEIGHT</b>	1.43 Lbs   0.65 kg

**PM-FT103**HDMI/VGA to 2 LC Fiber Transmitter with RS-232  
- Wall Plate**Technical Specifications**

<b>INPUT TYPE</b>	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
<b>OUTPUT TYPE</b>	2LC Fiber
<b>DATA SPEED</b>	10.2 Gbps
<b>PC RESOLUTIONS</b>	Up to 1920 x 1200 @60Hz
<b>HDTV RESOLUTIONS</b>	480i ~ 1080p, 2K, 4K
<b>DISTANCE</b>	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4Watts Max (power supply)
<b>DIMENSIONS</b>	3.6 X 4.24 X 2.24 in.
<b>(W x D x H)</b>	91.44 x 107.7 x 57.15 mm
<b>WEIGHT</b>	1.0 Lbs   0.45 kg



## 2K Fiber Optic Receiver Options

**PM-FR101**

2 LC to HDMI Fiber Receiver with RS-232

**Technical Specifications**

<b>INPUT TYPE</b>	2LC Fiber
<b>OUTPUT TYPE</b>	DVI / HDMI (TMDS) 3.5mm stereo audio
<b>DATA SPEED</b>	10.2 Gbps
<b>PC RESOLUTIONS</b>	Up to 1920 x 1200 @60Hz
<b>HDTV RESOLUTIONS</b>	480i ~ 1080p, 2K, 4K
<b>DISTANCE</b>	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4 Watts Max (power supply)
<b>DIMENSIONS</b>	6.3 X 4.4 X 1.7 in.
<b>(W x D x H)</b>	160 x 112 x 42 mm
<b>WEIGHT</b>	1.43 Lbs   0.65 kg

**PM-FR102**

2 LC Fiber to HDMI Receiver with Auto-scaling &amp; Seamless Switching

**Technical Specifications**

<b>INPUT TYPE</b>	2LC Fiber
<b>OUTPUT TYPE</b>	DVI / HDMI (TMDS) 3.5mm stereo audio
<b>DATA SPEED</b>	10.2 Gbps
<b>PC RESOLUTIONS</b>	Up to 1920 x 1200 @60Hz
<b>HDTV RESOLUTIONS</b>	480i ~ 1080p, 2K, 4K
<b>DISTANCE</b>	Single Mode : 6,600 ft (2km) Multi Mode: 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4 Watts Max (power supply)
<b>DIMENSIONS</b>	6.3 X 5.7X 1.7 in.
<b>(W x D x H)</b>	160 x 145 x 42 mm
<b>WEIGHT</b>	1.77 Lbs   0.80 kg

**PM-FR103**HDMI/VGA to 2 LC Fiber Transmitter with RS-232  
- Wall Plate**Technical Specifications**

<b>INPUT TYPE</b>	2LC Fiber
<b>OUTPUT TYPE</b>	DVI / HDMI (TMDS) 3.5mm stereo audio
<b>DATA SPEED</b>	10.2 Gbps
<b>PC RESOLUTIONS</b>	Up to 1920 x 1200 @60Hz
<b>HDTV RESOLUTIONS</b>	480i ~ 1080p, 2K, 4K
<b>DISTANCE</b>	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4Watts Max (power supply)
<b>DIMENSIONS</b>	3.6 X 4.24 X 2.24 in.
<b>(W x D x H)</b>	91.44 x 107.7 x 57.15 mm
<b>WEIGHT</b>	1.0 Lbs   0.45 kg

## 4K HDBaseT Transmitter Options



**PM-CT101-U**

HDMI to HDBaseT Transmitter with RS-232

### Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	5.75 X 4.5 X 1.25 in. 144.78 x 114.3 x 31.75 mm
WEIGHT	0.5 Lbs   0.23 kg



**PM-CT102-U**

HDMI/VGA to HDBaseT Transmitter with RS-232

### Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	5.75 X 4.5 X 1.25 in. 144.78 x 114.3 x 31.75 mm
WEIGHT	1.0 Lbs   0.46 kg



**PM-CT103-U**

HDMI to HDBaseT Receiver with RS-232 - Wall Plate

### Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	3.6 X 4.24 X 2.24 in. 91.44 x 107.95 x 57.15 mm
WEIGHT	0.5 Lbs   0.23 kg



**PM-CT104-U**

HDMI to HDBaseT Transmitter with RS-232

### Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS)
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	3.94 X 2.4 X 0.6 in. 100 x 60 x 14 mm
WEIGHT	0.6 Lbs   0.27 kg

\* Please note that PM-CT104-U/PM-CR104-U's extender information cannot be checked from PureMedia Matrix Frame.

## 4K HDBaseT Receiver Options



**PM-CR101-U**

HDBaseT to HDMI Receiver with RS-232

### Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	5.75 X 4.5 X 1.25 in. 144.78 x 114.3 x 31.75 mm
WEIGHT	0.5 Lbs   0.23 kg



**PM-CR102-U**

HDBaseT to HDMI Receiver w/ Auto-scaling

### Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	7.57 X 5.96 X 1.7 in. 192.4 x 151.4 x 42 mm
WEIGHT	1.59 Lbs   0.68 kg



**PM-CR103-U**

HDMI to HDBaseT Receiver with RS-232 - Wall Plate

### Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	3.6 X 4.25 X 2.25 in. 91.44 x 107.95 x 57.15 mm
WEIGHT	0.5 Lbs   0.23 kg



**PM-CR104-U**

HDMI to HDBaseT Transmitter with RS-232

### Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS)
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	3.94 X 2.4 X 0.6 in. 100 x 60 x 14 mm
WEIGHT	0.6 Lbs   0.27 kg

\* Please note that PM-CT104-U/PM-CR104-U's extender information cannot be checked from PureMedia Matrix Frame.

## 4K Fiber Optic Transmitter Options

**PM-FT101-U**

HDMI to 1 LC Fiber Transmitter with RS-232

**Technical Specifications**

<b>INPUT TYPE</b>	DVI / HDMI (TMDS) 3.5mm stereo audio
<b>OUTPUT TYPE</b>	1LC Fiber
<b>DATA SPEED</b>	10.2 Gbps
<b>RESOLUTIONS</b>	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
<b>DISTANCE</b>	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4 Watts Max (power supply)
<b>DIMENSIONS</b>	5.75 X 4.5 X 1.25 in.
<b>(W x D x H)</b>	160 x 112 x 42 mm
<b>WEIGHT</b>	1.43 Lbs   0.65 kg

**PM-FT102-U**

HDMI/VGA to 1 LC Fiber Transmitter with RS-232

**Technical Specifications**

<b>INPUT TYPE</b>	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
<b>OUTPUT TYPE</b>	1LC Fiber
<b>DATA SPEED</b>	10.2 Gbps
<b>RESOLUTIONS</b>	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
<b>DISTANCE</b>	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4 Watts Max (power supply)
<b>DIMENSIONS</b>	5.75 X 4.5 X 1.75 in.
<b>(W x D x H)</b>	144.78 x 114.3 x 45 mm
<b>WEIGHT</b>	1.0 Lbs   0.46 kg

**PM-FT103-U**HDMI/VGA to 1 LC Fiber Transmitter with RS-232  
- Wall Plate**Technical Specifications**

<b>INPUT TYPE</b>	DVI / HDMI (TMDS) VGA (supports YPbPr component) 3.5mm stereo audio
<b>OUTPUT TYPE</b>	1LC Fiber
<b>DATA SPEED</b>	10.2 Gbps
<b>RESOLUTIONS</b>	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
<b>DISTANCE</b>	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4Watts Max (power supply)
<b>DIMENSIONS</b>	3.6 X 4.24 X 2.24 in.
<b>(W x D x H)</b>	91.44 x 107.7 x 57.15 mm
<b>WEIGHT</b>	1.0 Lbs   0.45 kg



## 4K Fiber Optic Receiver Options

**PM-FR101-U**

1 LC to HDMI Receiver with RS-232

**Technical Specifications**

<b>INPUT TYPE</b>	1LC Fiber
<b>OUTPUT TYPE</b>	DVI / HDMI (TMDS) 3.5mm stereo audio
<b>DATA SPEED</b>	10.2 Gbps
<b>RESOLUTIONS</b>	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
<b>DISTANCE</b>	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4 Watts Max (power supply)
<b>DIMENSIONS</b>	5.75 X 4.5 X 1.25 in.
<b>(W x D x H)</b>	160 x 112 x 42 mm
<b>WEIGHT</b>	1.43 Lbs   0.65 kg

**PM-FR102-U**

1 LC Fiber to HDMI Receiver with Auto-scaling &amp; Seamless Switching

**Technical Specifications**

<b>INPUT TYPE</b>	1LC Fiber
<b>OUTPUT TYPE</b>	DVI / HDMI (TMDS) 3.5mm stereo audio
<b>DATA SPEED</b>	10.2 Gbps
<b>PC RESOLUTIONS</b>	Up to Ultra HD 4K
<b>HDTV RESOLUTIONS</b>	3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
<b>DISTANCE</b>	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4 Watts Max (power supply)
<b>DIMENSIONS</b>	5.75 X 4.5 X 1.75 in.
<b>(W x D x H)</b>	144.78 x 114.3 x 45 mm
<b>WEIGHT</b>	1.0 Lbs   0.46 kg

**PM-FR103-U**1 LC Fiber to HDMI Receiver with RS-232  
- Wall Plate**Technical Specifications**

<b>INPUT TYPE</b>	1LC Fiber
<b>OUTPUT TYPE</b>	DVI / HDMI (TMDS) 3.5mm stereo audio
<b>DATA SPEED</b>	10.2 Gbps
<b>RESOLUTIONS</b>	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
<b>DISTANCE</b>	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
<b>ACCESSORIES</b>	DC +12V, 4Watts Max (power supply)
<b>DIMENSIONS</b>	3.6 X 4.24 X 2.24 in.
<b>(W x D x H)</b>	91.44 x 107.7 x 57.15 mm
<b>WEIGHT</b>	1.0 Lbs   0.45 kg



### Key Features

- Extends Single-Link DVI up to 330 ft (100m) using a single CATx cable
- Supports PC resolutions up to 1920x1200
- Bi-directional RS-232 and IR
- POE support
- HDCP compliant, EDID transparent
- Based on HDBaseT™ technology

### Technical Specifications

<b>TRANSMITTER</b>	Input : DVI 1 port, RS232 1 port (bi-direction) Output : HDBaseT 1 port, IR 1 port
<b>RECEIVER</b>	Input : HDBaseT 1 port, IR 1 port Output : DVI 1 port, RS232 1 port (bi-direction)
<b>RESOLUTION</b>	UP to 1920x1200@ 60Hz
<b>DISTANCE</b>	330ft (100m)
<b>ACCESSORIES</b>	DC 48V with lock (power supply)
<b>DIMENSIONS</b> (W X D X H)	5.90" x 3.15" x 1.38" in. 150 x 80 x 35 mm
<b>WEIGHT</b>	0.73lbs/each ( 331g/each )

## HTE Tx/Rx 4K HDMI over HDBaseT Extension System



### Key Features

- Based on HDBaseT™ Technology
- Supports cable lengths up to 300 ft. (100 m) for all resolutions up to Ultra HD/4K
- HDMI v1.4 support
- Bi-directional RS-232 and IR
- PoE support

### Technical Specifications

<b>TRANSMITTER</b>	Input : HDMI 1 port, RS232 1 port, IR 1 port, Ethernet 2 ports Output : HDBaseT 1 port
<b>RECEIVER</b>	Input : HDBaseT 1 port Output : HDMI 1 port, RS232 1 port, IR 1 port, Ethernet 2 ports
<b>PC RESOLUTION</b>	Up to 1920 x 1200 @ 60Hz
<b>HDTV RESOLUTION</b>	Up to Ultra HD (4K) @ 30Hz
<b>DISTANCE</b>	330ft (100m)
<b>CONNECTOR</b>	DC Power Jack HDMI Female connector RJ45
<b>CONFORMATIONS</b>	HDMI version 1.4 With HDCP
<b>ACCESSORIES</b>	DC 24V , 1A (power supply)
<b>DIMENSIONS</b> (W X D X H)	3.5" x 5.3" x 1.2" in. 88.0 x 135.0 x 30.0 mm
<b>WEIGHT</b>	0.66lbs   0.3kg (each)



### Technical Specifications

BANDWIDTH	1.65 Gbps
RESOLUTION	Up to 1920 x 1200 @60hz
TMDS VIDEO SIGNAL	1.2 volts p-p
DDC SIGNAL	5 volts p-p (TTL)
DISTANCE	192x1200@60Hz :165 ft (50m)
DVI CONNECTOR	DVI-D 29 pin
LINK CONNECTOR	RJ-45 Shielded x 1
POWER SUPPLY	None
OPERATING	32° ~ 131° F (0° to 55° C)
STORAGE	- 4° ~ 185° F (-20° to 85° C)up to 95%
HUMIDITY	
DIMENSIONS (W X D X H)	1.5" x 2.20" x 0.96" in. 40 x 56 x 24.5 mm
WEIGHT	0.11 lbs (50 g)

### Key Features

- DVI extension up to 165 ft (50m) using a CATx cable
- Supports PC resolutions up to 1920x1200
- Embedded EDID for lossless signal transmission
- Active receiver draws power from the DVI source (no external power required)

## HCE II Tx/Rx 4K HDMI over HDBaseT Extension System



### Technical Specifications

TRANSMITTER	Input : HDMI 1 port, IR 1 port Output : HDBaseT 1 port
RECEIVER	Input : HDBaseT 1 port Output : HDMI 1 port, IR 1 port
PC RESOLUTION	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTION	Up to Ultra HD (4K) @ 30Hz
DISTANCE	1080P@60Hz : 230ft (70m) 4K2K@30Hz : 230ft (70m)
CONNECTOR	DC Power Jack HDMI Female connector RJ45
CONFORMATIONS	HDMI version 1.4 With HDCP 2.2
ACCESSORIES	DC 5V , 2A (power supply)
DIMENSIONS (W X D X H)	4.01" x 3.34" x 1.02" in. 102.1 x 85.0 x 26.0 mm
WEIGHT	0.61lbs/each (0.28kg/each)

### Key Features

- Design based on HDBaseT technology
- Ultra-slim, compact enclosure
- Supports cable lengths up to 230 ft. (70 m.) at 1080p and Ultra HD/4K resolutions
- HDMI v1.4 support
- IR control

Related Item	Description
<b>NEW</b> HCE II-RF	HDTraits Rack Mountable 1RU Frame for HCE II Tx and Rx, single PSU

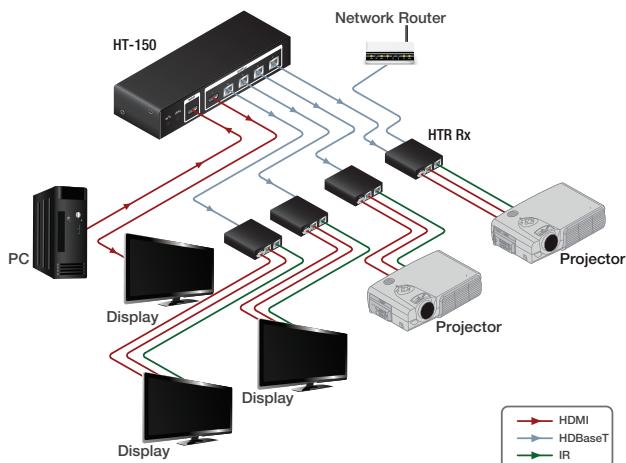


The HTR Tx/Rx extension system provides reliable long-range extension of HDMI video/audio, bi-directional RS-232/IR control signals, and Ethernet over a single CATx cable. The HTR Tx/Rx supports the latest Ultra HD/4K standards including full 3D support, HDMI Ethernet Channel, and Audio Return Channel (ARC).

## Key Features

- Extends 4K HDMI, Ethernet, ARC, RS-232, and IR over a single CATx cable
- Ultra HD (4K@30Hz) extension up to 330 ft. (100 m)
- HDCP 2.2 compliant
- Bi-directional IR and RS-232
- Switchable audio de-embed or ARC breakout on Transmitter

## Technical Specifications



<b>TRANSMITTER</b>	Input : HDMI Output : CATx (HDBaseT)
<b>RECEIVER</b>	Input : CATx (HDBaseT) Output : HDMI
<b>PC RESOLUTIONS</b>	Up to 1920 x 1200 @ 60Hz
<b>HDTV RESOLUTIONS</b>	Up to Ultra HD (4K) @ 30Hz
<b>DISTANCE</b>	Ultra HD@30Hz: 330ft (100m)
<b>CONNECTOR</b>	DC Power Jack/HDMI 19 Pin Female (Type A) RJ-45 / IR / Serial / Toslink
<b>CONFORMATIONS</b>	HDMI version 1.4 With HDCP 2.2
<b>ACCESSORIES</b>	DC 5V , 2A (power supply)
<b>DIMENSIONS</b>	3.5" x 4.7" x 1.2" in. 88 x 120 x 30 mm
<b>(W X D X H)</b>	
<b>WEIGHT</b>	Tx : 0.57 lbs (0.26 kg) Rx : 0.62 lbs (0.28 kg)

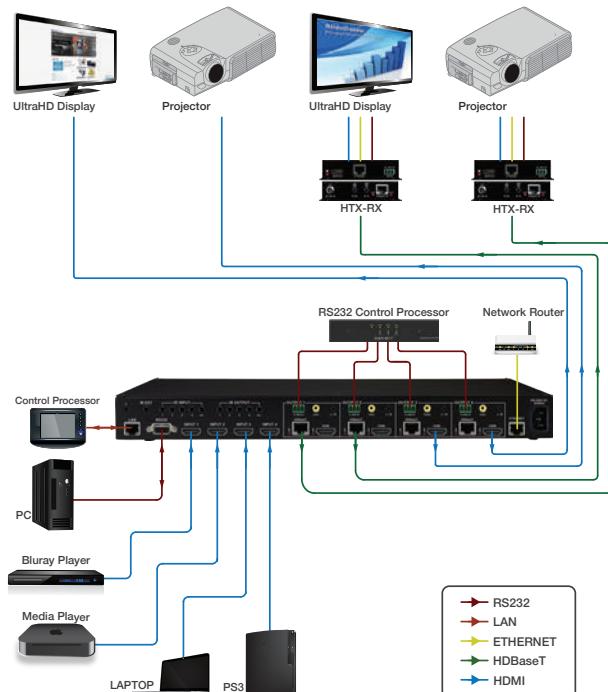
Related Item	Description
 HTR-RFT	HDTech Rack Mountable 1RU Frame for HTR Tx, single PSU
 HTR-RFR	HDTech Rack Mountable 1RU Frame for HTR Rx, single PSU



Designed as a simplified extension solution for the HTX-8800-U/4400-U matrix switchers , the HTX Rx 4K HDMI over HDBaseT Extender Receiver provides an accessible, easy-to-install solution for extending Ultra HD/4K HDMI video and embedded audio over long distances using a single CATx cable. The HTX Rx supports full 3D content and extends uncompressed HDMI video and embedded lossless audio formats with bi-directional control signals (IR) up to 330 ft. at Ultra HD/4K resolutions. Using POE technology, the HTX Rx can draw power from the HTX matrix chassis, eliminating the need for additional power supplies.

### Key Features

- 330ft (100m) @ Ultra HD/4K HDMI v1.4b uncompressed video/audio up to 10.2 Gbps
- Receives POE from HTX matrix switchers
- Bi-directional IR and RS232
- Supports HD multichannel audio including Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio plus LPCM (up to 192kHz)
- Compact size for convenient installation behind displays
- LED indicators for HDMI and HDBaseT signal status
- Ethernet port for easy third party device networking



### Technical Specifications

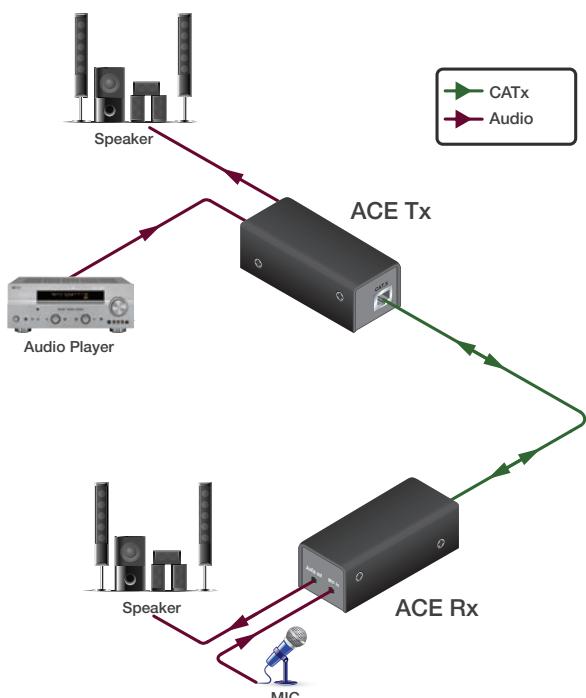
TRANSMITTER	HDBaseT
RECEIVER	HDMI
PC RESOLUTIONS	Up to 1920 x 1200@60Hz
HDTV RESOLUTIONS	Up to Ultra HD@30Hz
DISTANCE	330ft at Ultra HD/4K resolutions
CONNECTOR	DC Power Jack HDMI Female connector RJ45
CONFORMATIONS	HDMI version 1.4 With HDCP 2.2
ACCESSORIES	DC 5V , 2A (power supply)
DIMENSIONS (W X D X H)	4.01" x 3.34" x 1.02" in. 102.1 x 85.0 x 26.0 mm
WEIGHT	0.61lbs/ each (0.28kg/each)



The ACE extends unbalanced stereo audio and microphone input up to 1000 ft. (300 m.) over a single CATx cable, providing a convenient way to add audio to an existing video extension system.

### Key Features

- Audio extension up to 1000 ft.
- Audio-Out supports multimedia speakers and headphones
- MIC-In supports Condenser Microphone and Dynamic Microphone
- Built-in Microphone preamplifier
- Adjustable gain for MIC preamp input



### Technical Specifications

AUDIO IN CONNECTOR	1 x 3.5mm Audio Jack
AUDIO OUT CONNECTOR	1 x 3.5mm Audio Jack
MIC IN CONNECTOR	1 x 3.5mm Audio Jack
MIC OUT CONNECTOR	1 x 3.5mm Audio Jack
RJ-45 CONNECTOR	1
FREQUENCY RESPONSE	10Hz to 25KHz /-3dB (1Vp-p/10k Ohms)
AUDIO IN IMPEDANCE	10k Ohms
AUDIO INPUT LEVEL	1.8Vp-p
MIC INPUT LEVEL	0.5Vp-p
MIC GAIN	0 to +15dB
CABLE DISTANCE	1,000ft   300 m (Max.)
ACCESSORIES	DC 9V 300mA (power supply)
DIMENSIONS (W X D X H)	3.62 x 1.34 x 0.87 in. 92 x 34 x 22 mm
WEIGHT	0.143 lbs/each ( 65g/each)



### Key Features

- DVI, VGA/Audio, and RS-232 to 4 LC Fiber transmitter
- Supports resolutions up to 1920x1200 @ 60Hz, 1080p @ 60Hz
- 3.5mm stereo input, CATx input for RS-232 control
- Built-in Auto-EDID maintains communication between connected devices
- HDCP Compliant

### Technical Specifications

INPUT SIGNAL	DVI/HDMI, VGA( D-Sub), Stereo Audio (3.5mm jack) x 2, RS-232
OUTPUT SIGNAL	4 LC Fiber Optic
PC RESOLUTIONS	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTIONS	Up to 1920 x 1080p
DISTANCE	1080p up to 3,300 ft 1080i up to 5,000ft
CONNECTOR	DC Power Jack DVI 29 Pin Female D-SUB 15Pin Female, RJ-45 LC Fiber Connector 4 CORE 3.5mm STEREO Jack
CONFORMATION	DDWG DVI1.0 HDMI V1.3 HDCP
ACCESSORIES	DC 12V, 4.1A, 8 Watts (power supply)
DIMENSIONS (W X D X H)	4.3" x 5.1" x 1.6" in. 109.2 x 129.5 x 40.6 mm
WEIGHT	1.4 lbs (0.63kg)

## DRS1000RV 4 LC Fiber to DVI/VGA Extender Receiver



### Key Features

- 4 LC Fiber + (1) CATx to DVI, VGA/Audio, and RS-232 receiver for RF6
- Supports resolutions up to 1920x1200 @ 60Hz, 1080p @ 60Hz
- 3.5mm stereo output, CATx output for RS-232 control
- Built-in Auto-EDID maintains communication between connected devices
- HDCP Compliant

### Technical Specifications

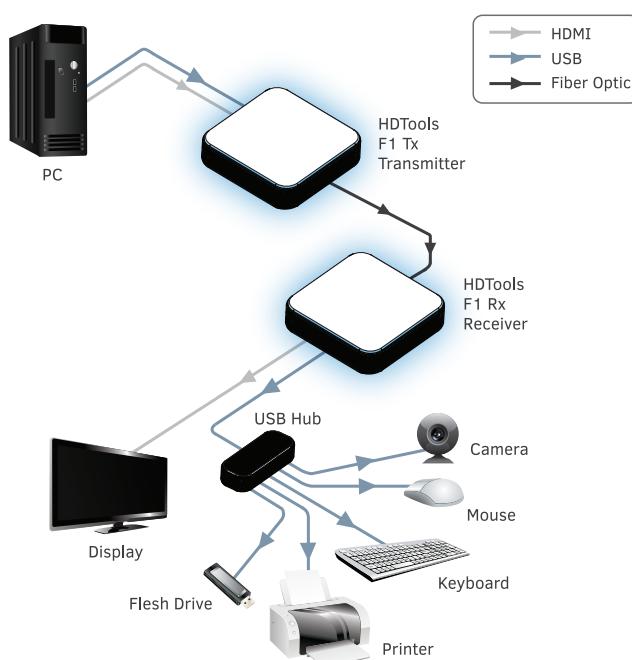
INPUT SIGNAL	4 LC Fiber Optic
OUTPUT SIGNAL	DVI/HDMI, VGA( D-Sub) Stereo Audio (3.5mm jack) x 2, RS-232
PC RESOLUTIONS	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTIONS	Up to 1920 x 1080p
DISTANCE	1080p up to 3,300 ft 1080i up to 5,000ft
CONNECTOR	DC Power Jack, RJ-45 DVI 29 Pin Female D-SUB 15Pin Female LC Fiber Connector 4 CORE 3.5mm STEREO Jack
CONFORMATION	DDWG DVI1.0 HDMI V1.3 HDCP
ACCESSORIES	DC 12V, 4.1A, 8 Watts (power supply)
DIMENSIONS (W X D X H)	4.3" x 5.1" x 1.6" in. 109.2 x 129.5 x 40.6 mm
WEIGHT	1.4 lbs (0.63kg)



The F1 HDMI over Single Fiber Extender provides KVM extension of Ultra-HD/4K HDMI v1.4b up to 300 meters, as well as USB up to 200 meters, all over a multimode fiber cable. Featuring a unique, compact design complete with mounting rails, the F1 provides a convenient and reliable solution for long-distance Ultra-HD/4K signal transmission.

### Key Features

- HDMI 1.4b Compatibility: Ultra HD 4K transport and extension
- USB extension for full KVM operations
- Single Fiber provides 300 meters HDMI 4K distance
- Styled casing with bottom mounting attachments



### Technical Specifications

<b>TRANSMITTER</b>	Input : HDMI (Female Type) Output : 1LC Fiber Optic
<b>RECEIVER</b>	Input : 1LC Fiber Optic Output : HDMI (Female Type)
<b>RESOLUTIONS</b>	4096 x 2160 @ 30Hz
<b>BANDWIDTH</b>	10.2 Gbps
<b>DISTANCE</b>	HDMI : 300m HDMI + Full Speed USB : 40m HDMI + Low Speed USB : 200m
<b>CONNECTOR</b>	HDMI Simplex (1) LC Connector Micro USB
<b>CONFORMATION</b>	HDCP 1.4
<b>OPERATING</b>	32°F ~ 122°F (0°C ~ 50°C)
<b>STORAGE</b>	-4°F ~ 158°F (-20°C ~ 70°C)
<b>HUMIDITY</b>	5% ~ 95%, non-condensing
<b>ACCESSORIES</b>	5V / 1A (USB Power Adaptor)
<b>DIMENSIONS (W X D X H)</b>	2.2 x 0.56 x 2.2 in. 56 x 14 x 56 mm
<b>WEIGHT</b>	0.88 lbs/each (400 g/each)



## Technical Specifications

TRANSMITTER	Input : HDMI Output : 4 LC Fiber Optic
RECEIVER	Input : 4 LC Fiber Optic Output : HDMI
PC RESOLUTIONS	Up to 1920x1200 @ 60Hz
HDTV RESOLUTIONS	Up to 1080p @60Hz
DISTANCE	1080p: 1,000M(3,300ft) 1080i: 1,530M(5,000ft)
CONNECTOR	DC Power Jack HDMI 19 Pin Female LC Receptacles with 4 cores
CONFORMATION	HDMI version 1.3 With HDCP
ACCESSORIES	DC +12V , 10W (power supply)
DIMENSIONS (W X D X H)	4.92 x 4.37 x 1.38 in. 125 x 111 x 35 mm
WEIGHT	1.1lbs/each ( 0.48kg/each)

## Key Features

- Reliable, long-range extension of Full-HD/1080p content
- HDCP Compliant
- Built-in repeater enhances signal quality over longer distances
- Auto-EDID management
- HDMI v1.3 support
- Real-time status monitoring and diagnostics via LCD display

# ODC Tx/Rx DVI over 8 LC Fiber Extension System



## Technical Specifications

TRANSMITTER	Input : DVI, Digital Audio (OPTICAL, COAXIAL) Output : 8 LC Fiber Optic
RECEIVER	Input : 8 LC Fiber Optic Output : DVI, Digital Audio (COAXIAL)
RESOLUTIONS	VGA~QXGA
DISTANCE	500m (1640ft) at 2560x1600
CONNECTOR	DC Power Jack DVI 29 Pin Female LC type ber optic connecter 8 strands
HDCP/DDC SUPPORT	Compliant/Save EEPROM
CONFORMATION	DDWG DVI 1.0
ACCESSORIES	DC +12V , 10W (power supply)
DIMENSIONS (W X D X H)	4.92 x 4.37 x 1.38 in. 125 x 111 x 35 mm
WEIGHT	0.88lbs/each ( 0.4Kg/each)

## Key Features

- Extends Dual-Link DVI video over fiber optic cabling
- Built-in coaxial to optical audio converter
- Reliable, long-range extension of Dual Link DVI content
- Auto-EDID management
- LED status indicators for system monitoring



### Technical Specifications

SIGNAL TYPE	Single link DVI-D
CONNECTOR	Male DVI-D
DATA RATE	1.65 Gbps
PIXEL CLOCK	165 MHz
RESOLUTION	Up to 1920x1200@60Hz
DISTANCE	Multi Mode : 2,300ft (700m)
OPERATING	32°F ~ 122°F (0°C ~ 50°C)
STORAGE	-40°F~185°F (-40°C ~ 85°C)
HUMIDITY	5% to 95%
STANDARD	DVI 1.0
ACCESSORIES	DC +12V , 1A 5W Max (power supply)
DIMENSIONS (W X D X H)	1.61 x 0.39 x 2.68 in. 41 x 10 x 68 mm
WEIGHT	0.33 lbs (149.68 g)

### Key Features

- Extends DVI content up to 2,300 ft. (700m) using fiber optic cabling
- Reliable, long-range extension of Full-HD/1080p content
- Compact, detachable transmitter/receiver module for easy integration
- Ensures secure and fast communication between devices

## OLC II Tx/Rx DVI to 2 LC Fiber Transmitter/Receiver Kit



### Technical Specifications

SIGNAL TYPE	Single link DVI-D
CONNECTOR	Male DVI-D
DATA RATE	1.65 Gbps
PIXEL CLOCK	165 MHz
RESOLUTION	Up to 1920x1200@60Hz
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode: 1,650 ft (500m)
OPERATING	32°F ~ 122°F (0°C ~ 50°C)
STORAGE	-40°F~185°F (-40°C ~ 85°C)
HUMIDITY	5% to 95%
STANDARD	DVI 1.0
ACCESSORIES	DC +12V , 1A 5W Max (power supply)
DIMENSIONS (W X D X H)	1.54 x 0.59 x 2.68 in. 39 x 15 x 68 mm
WEIGHT	0.44lbs (200 g)

### Key Features

- Extends DVI content up to 6,600 ft. (2km) using fiber optic cabling
- Reliable, long-range extension of Full-HD/1080p content
- Compact, detachable transmitter/receiver module for easy integration
- Ensures secure and fast communication between devices



The RF4-U Rack Mountable Extension Center is a complete extension solution equipped with a series of smaller transmitter and receivers designed for slot-loading into a main chassis. The RF4-U houses up to four (4) Ultra HD/4K transmitter or receiver modules, available in HDMI, HDBaseT, and Fiber inputs and outputs, all in a 1-RU space with a single power source.

### Technical Specifications

INPUT SIGNAL	DVI, HDMI, 3.5mm Analog Audio, RS-232
OUTPUT SIGNAL	DVI, HDMI, 3.5mm Analog Audio, RS-232
PC RESOLUTIONS	VGA ~ WUXGA (up to 1920 x 1200 @60Hz)
HDTV RESOLUTIONS	480i ~ 1080p, Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
CATx DISTANCE	1920 x 1200 @ 60Hz or at 1080p, Ultra HD 4K : 330 ft (100m)
FIBER DISTANCE	Single Mode Fiber: 1920 x 1200 @ 60Hz or at 1080p, Ultra HD 4K : 32,808 ft (10km) Multi Mode Fiber: 1920 x 1200 @ 60Hz or at 1080p, Ultra HD 4K : 1,650 ft (500m)
CONNECTOR	DVI 29P/HDMI 19P Female (x 1), 3.5mm Stereo Jack, RJ-45 Jack, 1 LC Optical Connector 3P /3.5MM Terminal Block (for Power), 3P /3.5MM Terminal Block (for RS-232) Mini USB (for firmware update)
CONFORMATIONS	HDMI version 1.4b / DVI 1.0, HDBaseT
COMPLIANCE	Yes, HDCP version 2.0
ACCESSORIES	DC +12V 8W Max (power supply)
DIMENSIONS (W X D X H)	17.3" x 6.7" x 1.7" in. 440 x 170 x 44 mm
WEIGHT	6.2 lbs (2.8kg)

### RF4-U Rack Mount Extension Center

Item No.	Description
RF4-U	Rack Mountable 1RU Frame for RF Ultra HD Extenders, single PSU
RFCC	Rack Frame Cable Cover for PureMedia RF4-U, RF6
PM-CT101-U-RF	HDMI to CATx (HDBaseT) Transmitter for RF4-U Extension Center
PM-CT102-U-RF	HDMI/VGA to CATx (HDBaseT) Transmitter for RF4-U Extension Center
PM-CT104-U-RF	HDMI to CATx (HDBaseT) Transmitter for RF4-U Extension Center
PM-FT101-U-RF	HDMI to 1 LC Fiber Transmitter for RF4-U Extension Center
PM-FT102-U-RF	HDMI/VGA to 1 LC Fiber Transmitter for RF4-U Extension Center
PM-CR101-U-RF	CATx (HDBaseT) to HDMI Receiver for RF4-U Extension Center
PM-CR104-U-RF	CATx (HDBaseT) to HDMI Receiver for RF4-U Extension Center
PM-FR101-U-RF	1 LC Fiber to HDMI Receiver for RF4-U Extension Center



### Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) RS-232
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.99 g)

### Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- Supports distances up to 330 ft. (100 m.)
- 3.5mm stereo input
- Auto-EDID management via RF4-U chassis
- HDCP Compliant



### Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA RS-232
OUTPUT TYPE	3.5mm stereo audio HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

### Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- Supports distances up to 330 ft. (100 m.)
- 3.5mm stereo input
- Auto-EDID management via RF4-U chassis
- HDCP Compliant



### Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) RS-232
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits)
	3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

### Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- Supports distances up to 330 ft. (100 m.)
- Auto-EDID management via RF4-U chassis
- HDCP Compliant



### Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) RS-232
OUTPUT TYPE	3.5mm stereo audio
DATA SPEED	1LC Fiber
RESOLUTIONS	10.2 Gbps Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits)
	3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

### Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- HDMI and Stereo Audio extension up to 32,808 ft. (10Km.)
- Supports HDMI v1.4, 3D, 48-Bit Deep Color, 7.1 Channel Dolby TruHD, and DTS MasterHD
- HDCP Compliant



### Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA, RS-232
OUTPUT TYPE	3.5mm stereo audio
DATA SPEED	1LC Fiber
RESOLUTIONS	10.2 Gbps Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

### Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- HDMI, VGA, and Stereo Audio extension up to 32,808 ft. (10Km.)
- Supports HDMI v1.4, 3D, 48-Bit Deep Color, 7.1 Channel Dolby TruHD, and DTS MasterHD
- HDCP Compliant
- HDMI Loop-Out function for local monitoring

## PM-CR101-U-RF CATx (HDBaseT) to HDMI Receiver for RF4-U Extension Center



### Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) RS-232
DATA SPEED	3.5mm stereo audio
RESOLUTIONS	10.2 Gbps Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

### Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- Supports distances up to 330 ft. (100 m.)
- 3.5mm stereo output
- Auto-EDID management via RF4-U chassis
- HDCP Compliant



### Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS)
RS-232	RS-232
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

### Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- Supports distances up to 330 ft. (100 m.)
- Auto-EDID management via RF4-U chassis
- HDCP Compliant

## PM-FR101-U-RF 1 LC Fiber to HDMI Receiver for RF4-U Extension Center



### Technical Specifications

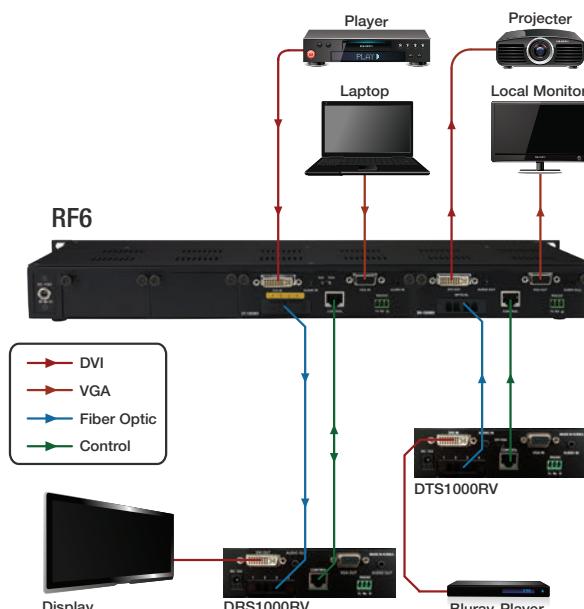
INPUT TYPE	1LC Fiber
OUTPUT TYPE	DVI / HDMI (TMDS)
RS-232	RS-232
DATA SPEED	3.5mm stereo audio
RESOLUTIONS	10.2 Gbps
DISTANCE	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
POWER	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
RF4-U SPACE	Locally powered by RF4U main frame
WEIGHT	Single slot space 0.485 lbs (219.98 g)

### Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- HDMI and Stereo Audio extension up to 32,808 ft. (10Km.)
- Supports HDMI v1.4, 3D, 48-Bit Deep Color, 7.1 Channel Dolby TruHD, and DTS MasterHD
- HDCP Compliant



PureLink's first generation rack-mount extension center, the RF6 houses up to six (6) 2K transmitter or receiver modules, available in HDMI, HDBaseT, and Fiber inputs and outputs, all in a 1-RU space with a single power source.



### Technical Specifications

INPUT SIGNAL	DVI, HDMI, VGA 3.5mm Analog Audio Optional RS-232, IR
OUTPUT SIGNAL	DVI, HDMI, VGA 3.5mm Analog Audio Optional RS-232, IR
PC RESOLUTIONS	Up to 1920x1200 @ 60Hz
HDTV RESOLUTIONS	Up to 1080p @ 60Hz
CATx DISTANCE	1920x1200@60Hz: 330ft 1920x1080p: 330ft
FIBER DISTANCE	1920x1200@60Hz: 3,300ft
CONNECTOR	DC Power Jack HDMI 19 Pin Female DVI 20 Pin Female LC Receptacles with 4 cores RJ45 3.5mm Stereo Jack
CONFORMATIONS	HDMI version 1.3 DDWG DVI 1.0 HDCP
ACCESSORIES	DC +12V 5A Max
DIMENSIONS (W X D X H)	1.61 x 0.39 x 2.68 in. 41 x 10 x 68 mm
WEIGHT	0.33 Lbs   149.68 g

### RF6 Rack Mount Extension Center

Item No.	Description
PM-CT101-RF	HDMI to HDBaseT Transmitter w/ IR & RS-232 For PureMedia Matrix Switcher
PM-FT101-RF	HDMI to 2 LC Fiber Transmitter w/ RS-232 For PureMedia Matrix Switcher
PM-FT101-D-RF	DVI to 2 LC Fiber Optic Receiver w/ RS-232 For PureMedia Matrix Switcher
PM-FT102-RF	HDMI/VGA to 2 LC Fiber Transmitter w/ RS-232 For PureMedia Matrix Switcher
PM-FR102-RF	2 LC Fiber Optic to HDMI Receiver w/ RS-232 For PureMedia Matrix Switcher
HT1000	HDMI to 4LC Fiber Optic Transmitter
HR1000	4LC Fiber Optic to HDMI Receiver
DT1000	DVI to 4LC Fiber Optic Transmitter
DR1000	DVI over 4LC Fiber Optic Receiver
DT1000RV	DVI/VGA to 4LC Fiber Optic Transmitter
DR1000RV	4LC Fiber Optic to DVI/VGA Receiver

**Technical Specifications**

INPUT TYPE	DVI / HDMI (TMDS) RS-232, IR 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/- HDMI (Loop-thru)
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

**Key Features**

- Compatibility with PureMedia™ Matrix Switchers
- Supports distances up to 330 ft. (100 m.)
- Supports WUXGA 1920 x 1200 & HDTV resolutions up to 1080p
- 3.5mm Stereo Audio input
- HDCP Compliant
- HDMI Loop-Out function for local monitoring

**PM-FT101-RF HDMI to 2 LC Fiber Transmitter for RF6 Extension Center****Technical Specifications**

INPUT TYPE	DVI / HDMI (TMDS) RS-232, IR 3.5mm stereo audio
OUTPUT TYPE	2LC Fiber HDMI (Loop-thru)
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

**Key Features**

- Compatibility with PureMedia™ Matrix Switchers
- Supports up to 6,600 ft. (2000 m.)
- Supports WUXGA 1920 x 1200 & HDTV resolutions up to 1080p
- 3.5mm Stereo Audio Input
- HDCP Compliant
- HDMI Loop-Out function for local monitoring

**Technical Specifications**

INPUT TYPE	DVI / HDMI (TMDS) RS-232 3.5mm stereo audio
OUTPUT TYPE	2LC Fiber HDMI (Loop-thru)
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

**Key Features**

- Supports WUXGA 1920 x 1200 & HDTV resolutions up to 1080p
- DVI and Stereo Audio extension up to 6,600 ft. (2000 m.)
- 3.5mm Stereo Audio input
- HDCP Compliant
- DVI Loop-Out function for local monitoring

**PM-FT102-RF HDMI/VGA to 2 LC Fiber Transmitter for RF6 Extension Center****Technical Specifications**

INPUT TYPE	DVI / HDMI (TMDS) VGA, RS-232 3.5mm stereo audio
OUTPUT TYPE	2LC Fiber
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

**Key Features**

- Supports WUXGA 1920 x 1200 & HDTV resolutions up to 1080p
- HDMI, VGA, and Stereo Audio extension up to 6,600 ft. (2000 m.)
- 3.5mm Stereo Audio input
- HDCP Compliant
- HDMI Loop-Out function for local monitoring

Technical Specifications

INPUT TYPE	2LC Fiber
OUTPUT TYPE	DVI / HDMI (TMDS)
	RS-232
	3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

Key Features

- Supports WUXGA 1920 x 1200 & HDTV resolutions up to 1080p
- HDMI, VGA, and Stereo Audio extension up to 6,600 ft. (2000 m.)
- 3.5mm Stereo Audio output
- HDCP Compliant



### Technical Specifications

SIGNAL TYPE	HDMI (compatible with DVI using adapter)
CONNECTOR	4LC Fiber Optic, HDMI
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbs per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

### Key Features

- HDMI to 4 LC Fiber Transmitter for RF6
- Supports resolutions up to 1920x1200 @ 60Hz, 1080p @ 60Hz
- 3.5mm stereo input
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant

## HR1000 4LC Fiber Optic to HDMI Receiver for RF6 Extension Center



### Technical Specifications

SIGNAL TYPE	HDMI (compatible with DVI using adapter)
CONNECTOR	4LC Fiber Optic, HDMI
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbs per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

### Key Features

- 4 LC Fiber to HDMI receiver for RF6
- Supports resolutions up to 1920x1200 @ 60Hz, 1080p @ 60Hz
- 3.5mm stereo output
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant



### Technical Specifications

SIGNAL TYPE	DVI (compatible with HDMI using adapter)
CONNECTOR	Female DVI-D, 4LC Fiber Optic
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbs per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

### Key Features

- DVI + Analog Audio to 4 LC Fiber transmitter
- Supports resolutions up to 1920x1200 @ 60Hz, 1080p@ 60Hz
- 3.5mm stereo audio input
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant

## DR1000 4 LC Fiber to DVI Receiver for RF6 Extension Center



### Technical Specifications

SIGNAL TYPE	DVI (compatible with HDMI using adapter)
CONNECTOR	Female DVI-D, 4LC Fiber Optic
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbs per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

### Key Features

- 4 LC Fiber to DVI + Analog Audio receiver for RF6
- Supports resolutions up to 1920x1200@ 60Hz, 1080p@ 60Hz
- 3.5mm stereo output
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant



### Technical Specifications

SIGNAL TYPE	DVI, VGA, 3.5mm Stereo Audio (compatible with HDMI using adapter)
CONNECTOR	Female DVI-D, VGA, 4LC Fiber Optic, RS232
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbs per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

### Key Features

- 4 LC Fiber + (1) CATx to DVI, VGA/Audio, and RS-232 receiver for RF6
- Supports resolutions up to 1920x1200 @60Hz, 1080p @60Hz
- 3.5mm stereo output
- CATx output for RS-232 control
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant

## DR1000RV 4LC Fiber Optic to DVI/VGA Receiver for RF6 Extension Center

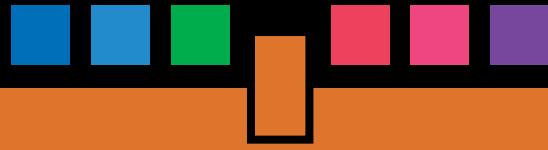


### Technical Specifications

SIGNAL TYPE	DVI, VGA, 3.5mm Stereo Audio (compatible with HDMI using adapter)
CONNECTOR	Female DVI-D, VGA, 4LC Fiber Optic, RS232
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbs per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

### Key Features

- DVI/VGA + Audio, RS-232 to 4 LC Fiber transmitter
- Supports resolutions up to 1920x1200 @60Hz, 1080p @60Hz
- 3.5mm stereo audio input
- CATx input for RS-232 control
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant



# Switchers & Distribution Amplifiers

HDMI | DVI

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HDMI and DVI switchers and distribution amplifiers can reliably manage multiple source and display devices and provide uninterrupted A/V signal transmission over long distances. With advanced functionalities such as Ultra HD/4K support, built-in equalization and re-clocking technology, and Auto-EDID management, PureLink switchers and DAs offer simplified connectivity and operation without programming or a control system.



### Key Features

- Two HDMI outputs from a single source
- Supports video resolutions up to Ultra HD/4K
- HDCP compliant
- Equalization and re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active input & output LED indicators

### Technical Specifications

INPUT	HDMI Single Link , 1port
OUTPUTS	HDMI Single Link , 2ports
PC RESOLUTION	VGA / SVGA / XGA / UXGA / WUXGA
HDTV RESOLUTION	480i/p , 720i/p , 1080i/p@60Hz, 4k2k@30Hz
CONNECTOR TYPE	DC Power Jack HDMI 19 Pin Female Serial Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 1.4
COMPLIANCE	Yes
ACCESSORIES	DC 5V , 2A Max (power supply)
DIMENSIONS (W x D x H)	6.6" x 3.96" x 1.58" in. 167 x 100.5 x 40 mm
WEIGHT	1.0 lbs (0.46kg)

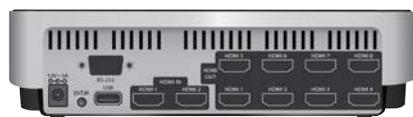


### Key Features

- Four HDMI outputs from a single source
- Supports video resolutions up to Ultra HD/4K
- HDCP compliant
- Equalization and re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active input & output LED indicators

### Technical Specifications

INPUT	HDMI Single Link , 1port
OUTPUTS	HDMI Single Link , 4ports
PC RESOLUTION	VGA / SVGA / XGA / UXGA / WUXGA
HDTV RESOLUTION	480i/p , 720i/p , 1080i/p@60Hz, 4k2k@30Hz
CONNECTOR TYPE	DC Power Jack HDMI 19 Pin Female Serial Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 1.4
COMPLIANCE	Yes
ACCESSORIES	DC 5V , 2A Max (power supply)
DIMENSIONS (W x D x H)	6.6" x 3.96" x 1.58" in. 167 x 100.5 x 40 mm
WEIGHT	1.0 lbs (0.46kg)



The UHD-280 is a high performance distribution amplifier with Ultra HD/4K support designed to switch between two HDMI sources and send the signal simultaneously to eight displays. With built-in equalization and re-clocking technology, the UHD-280 provides uninterrupted A/V signal transmission over longer distances.

### Key Features

- 2-HDMI input to 8-HDMI output switcher and splitter
- Supports full 3D and video resolutions up to 4K@60Hz
- Equalization and re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active input & output LED indicators
- RS-232 control
- HDCP compliant

### Technical Specifications

INPUTS	HDMI Single Link , 2ports
OUTPUTS	HDMI Single Link , 8ports
PC RESOLUTION	VGA / SVGA / XGA /UXGA / WUXGA
HDTV RESOLUTION	480i/p , 720i/p , 1080i/p@ 60Hz,4k2k@30Hz
CONNECTOR TYPE	DC Power Jack HDMI 19 Pin Female Serial Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 1.4
COMPLIANCE	Yes
ACCESSORIES	DC 12V , 3A Max (power supply)
DIMENSIONS (W x D x H)	8.39" x 8.39" x 2.36" in. 213 x 213 x 60 mm
WEIGHT	2.0 lbs (0.75kg)



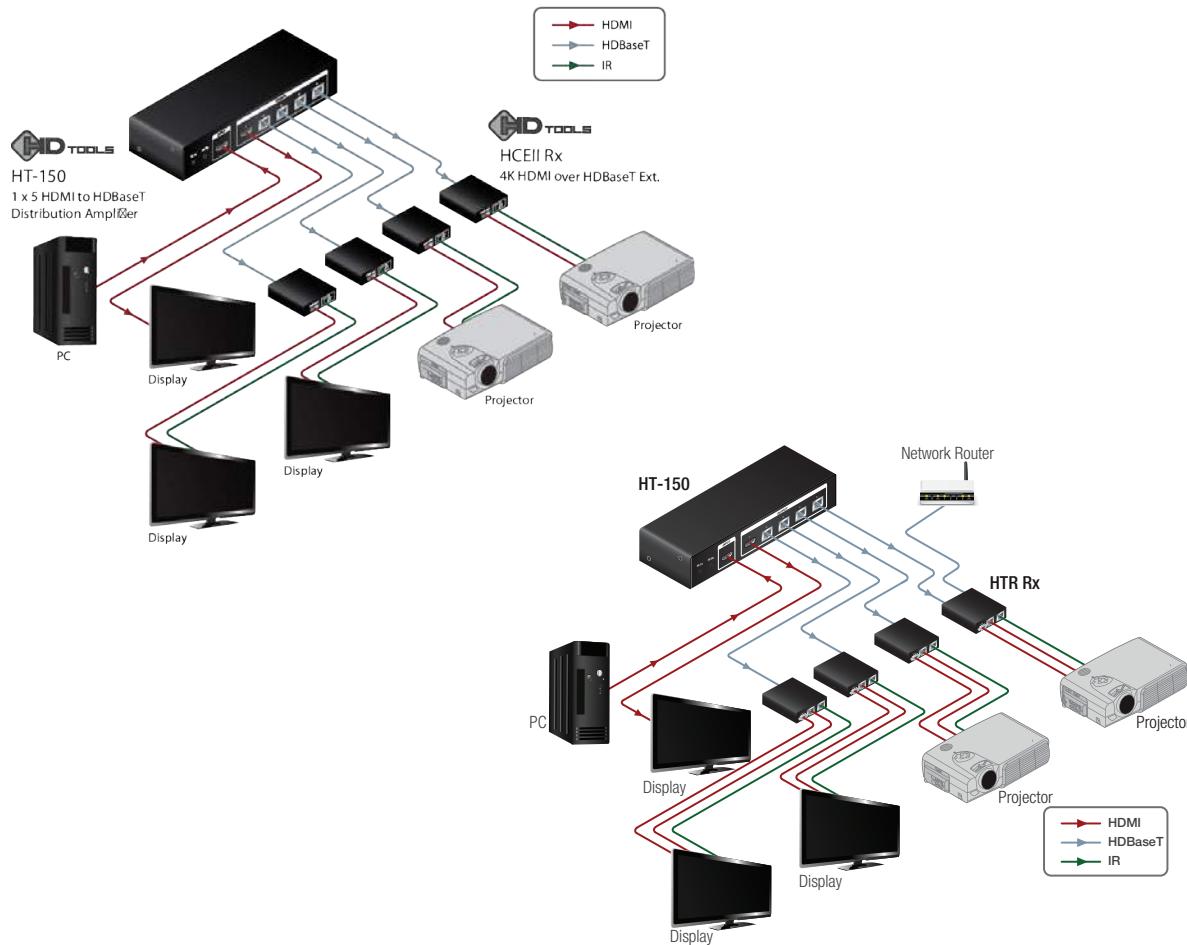
The HT-150 provides distribution of HDMI over four HDBaseT outputs, extending HDMI up to 330 ft. (100 m.) to four remote locations over a single category CATx cable. An additional HDMI output allows local monitoring, a feature not offered by other brands. The HT-150 also delivers immediate system analysis with status LEDs that indicate the signals present on the input and outputs, an exclusive diagnostic only offered by PureLink's HDT tools™ line.

### Key Features

- I/O Ports: 1 x HDMI IN, 1 x HDMI OUT, and 4 x CATx OUT (HDBaseT)
- Extend a single source at 1080p up to 330ft over single category CATx cable with PureLink's HDBaseT extender receivers
- Direct compatibility with PureLink's HDBaseT extender receivers, eliminating the need for matching transmitters
- Supported resolutions up to 1080p@60Hz
- HDMI v1.3 with 3D support
- HDCP compliant
- Local HDMI output for in room display, AVR, or cascading to another distribution amplifier
- IR control for remote locations

### Technical Specifications

INPUTS	HDMI 1, IR 1
OUTPUTS	HDMI 1, CATx 4, IR 1
PC RESOLUTION	VGA / SVGA / XGA / UXGA / WUXGA
HDTV RESOLUTION	480i/p , 720i/p , 1080i/p
HDBASET DISTANCE	330 ft (100m) with HTR Rx 230 ft (70m) with HCE II Rx
IR CARRIER FREQUENCY	30 ~ 60 KHz
IR Emitter/Receive	Tx: -30° C~+30° C Rx: -50° C~+50° C
ANGLE	16 ft (5m)
IR Emitter/Receive	
DISTANCE	
CONNECTOR	HDMI 19 Pin Female RJ 45 3.5mm Phone Jack (for IR) DC Power Jack
SUPPORTED FORMAT	HDMI 1.3
COMPLIANCE	Yes
ACCESSORIES	DC +12V , 4.2A (Power Supply)
DIMENSIONS (W x D x H)	9.97" x 5.7" x 1.57" in. 253 x 145 x 40 mm
WEIGHT	1.9 lbs (0.86 kg)



## HT-150 - TotalHD Bundles 1x5 HDMI Distribution Amplifier and HDBaseT Receiver Solutions Bundles

Item No.	Description
HT-150-KIT1-1	HDTTools (1) HT-150 with (1) HCE II Rx
HT-150-KIT1-2	HDTTools (1) HT-150 with (2) HCE II Rx
HT-150-KIT1-3	HDTTools (1) HT-150 with (3) HCE II Rx
HT-150-KIT1-4	HDTTools (1) HT-150 with (4) HCE II Rx
HT-150-KIT2-1	HDTTools (1) HT-150 with (1) HTR Rx
HT-150-KIT2-2	HDTTools (1) HT-150 with (2) HTR Rx
HT-150-KIT2-3	HDTTools (1) HT-150 with (3) HTR Rx
HT-150-KIT2-4	HDTTools (1) HT-150 with (4) HTR Rx

Related Items	Description
(NEW) HT-150-RM	HT-150 Rack Mount Kit



The HDS-21RS is a 2-HDMI input to 1-HDMI output switcher and scaler providing easy switching between two HDMI source signals to a single high definition display. The HDS-21RS features auto-scaling of any video signal up to 1080p, as well as PIP (picture-in-picture) technology offering built-in multi-view functionality. Together with PureLink's Don't Blink™ Seamless Switching Technology, as well as user-friendly configuration and operation, the HDS-21RS delivers a simple and effective multi-input A/V switching solution.

### Technical Specifications

INPUTS	HDMI 2ports (Female type)
OUTPUT	HDMI 1port (Female type)
INPUT RESOLUTION	480i60Hz, 480p60Hz, 576i50Hz, 576p50Hz, 720p50/60Hz 1080i50/60Hz, 1080p24/30/50/60Hz, 800x600@60, 1024x768@60, 1280x720@60, 1920x1080@60
OUTPUT RESOLUTION	1080p, 1080i, 720p, 1024x768, 1360x768
AUDIO OUTPUT	PCM2, 5.1, 7.1CH, Dolby 5.1, DTS5.1
VIDEO BANDWIDTH	225MH 6.75Gbps
ESD PROTECTION	Human Body model: ±8 kV (air-gap discharge) ±4 kV (contact discharge)
OPERATING	0 °C~40 °C/ 32 °F~104 °F
STORAGE	-20 °C ~ 60°C/-4 °F ~140 °F
HUMIDITY	20~90 % RH (non-condensing)
ACCESSORIES	5V/1A DC 10W (US/EU standards, CE/FCC/UL certified) (Power Supply)
DIMENSIONS (W x D x H)	2.76 x 5.51 x 0.98 in. 70 x 140 x 25 mm
WEIGHT	0.66 lbs (0.3kg)



### Key Features

- Switch easily between any two HDMI sources
- Don't Blink™ Seamless Switching Technology with Auto-scaling
- Multi-viewer with PIP (picture in picture) display technology
- Device selection via front panel buttons, IR remote control, and RS- 232
- HDCP compliant

## HDS-41R HDMI 4x1 Switcher



### Key Features

- Switch easily between any four HDMI sources
- Don't Blink™ Seamless Switching Technology with Auto-scaling
- Supports resolutions up to 1080p
- Device selection via front panel buttons, IR remote control, and RS- 232
- HDCP compliant

### Technical Specifications

INPUTS	HDMI 4 Ports. RS-232
OUTPUT	HDMI 1Port
RESOLUTION	VGA / SVGA / XGA / UXGA 480i, 480p , 720i, 720p , 1080i, 1080p
CONNECTOR TYPE	DC Power Jack x 1 HDMI input x 4 HDMI output x 1
COMPLIANT	Yes HDCP
ACCESSORIES	DC +5V , 2W Max (power supply)
DIMENSIONS (W X D X H)	9" x 4.1" x 1.2" in. 228.6 x 104.14 x 30.48 mm
WEIGHT	1 lbs ( 0.45 kg)

## DS-21R DVI 2x1 Switcher



### Key Features

- Switch easily between any two DVI sources
- Supports resolutions up to 1080p
- Device selection via front panel display, RS-232, and IR
- HDCP compliant

### Technical Specifications

INPUTS	DVI-D Female 2ports, RS-232
OUTPUT	DVI-D Female 1port
BANDWIDTH	1.65 Gbps (single link)
PC RESOLUTIONS	Up to 1920 X 1200@ 60Hz
HDTV RESOLUTIONS	Up to 1080p@ 60Hz
ACCESSORIES	DC 5V, 2A Max. (Power Supply)
DIMENSIONS (W X D X H)	7.5 x 3.25 x 1.25 in. 190.5 x 88.9 x 31.75mm
WEIGHT	2.0 lbs (0.907 kg)

## DS-41R DVI 4x1 Switcher



### Key Features

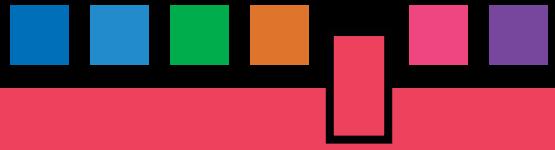
- Switch easily between any four DVI sources
- Supports resolutions up to 1080p
- Device selection via front panel display, RS-232, and IR
- HDCP compliant

### Technical Specifications

INPUTS	DVI-D Female 4ports, RS-232
OUTPUT	DVI-D Female 1port
BANDWIDTH	1.65 Gbps (single link)
PC RESOLUTIONS	Up to 1920 X 1200@ 60Hz
HDTV RESOLUTIONS	Up to 1080p@ 60Hz
ACCESSORIES	DC 5V, 2A Max. (Power Supply)
DIMENSIONS (W X D X H)	11 x 3.25 x 1 in. 279.4 x 82.55 x 25.4 mm
WEIGHT	3.0 lbs (1.36 kg)

## Notes





# Format Converters

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Format conversion systems can change various analog/VGA and digital signal types into another and minimize routing and distribution complexity. Emulation devices enhance and maintain optimal signal quality, providing a seamless source to display connection.



## Key Features

- DVI + 3.5mm stereo audio signal isolator with pixel re-clocking
- Supports cable lengths up to 50 m.
- Fully compatible with DDWG DVI standard
- Supports HDMI signal transmission with adapter

## Technical Specifications

INPUT	Digital RGB(DVI), Single Link 3.5mm Analog Stereo Audio
OUTPUT	Digital RGB(DVI), Single Link 3.5mm Analog Stereo Audio
PC RESOLUTION	Full HD(1920x1080)
HDTV RESOLUTION	WUXGA(1920x1200)
DISTANCE	Max. 165ft (50m)
INPUT CONNECTOR	29 PIN DVI-I Connector
OUTPUT CONNECTOR	29 PIN DVI-I Connector
AUDIO CONNECTOR	3.5mm Stereo Jack
ACCESSORIES	DC 5V 1A (Power Supply)
DIMENSIONS (W x D x H)	2.7" x 1.0" x 2.2" in. 69 x 26 x 55 mm
WEIGHT	0.33 lbs (150 g)

# DVI-DOC-F Fiber Optic Digital Signal Isolator



## Technical Specifications

INPUT	Digital RGB(DVI), Single Link 3.5mm Analog Stereo Audio
OUTPUT	Digital RGB(DVI), Single Link 3.5mm Analog Stereo Audio
PC RESOLUTION	Up to WUXGA(1920x1200)
HDTV RESOLUTION	Up to 1920x1080p
DISTANCE	Max. 100ft (30m)
INPUT CONNECTOR	29 PIN DVI-I Connector
OUTPUT CONNECTOR	29 PIN DVI-I Connector
AUDIO CONNECTOR	3.5mm Stereo Jack
RS-232 CONNECTOR	3 PIN Phoenix Connector
ACCESSORIES	DC 12V, 3.0A (Power Supply)
DIMENSIONS (W x D x H)	6.88" x 4.5" x 1.0" in. 174.63 x 114.3 x 25.4 mm
WEIGHT	5.2 lbs (2.38 kg)

## Key Features

- DVI + 3.5mm stereo audio signal isolator with pixel re-clocking
- Fiber transmission eliminates electrical noise and provides decoupling between devices
- Fully compatible with DDWG DVI standard
- Supports HDMI signal transmission with adapter



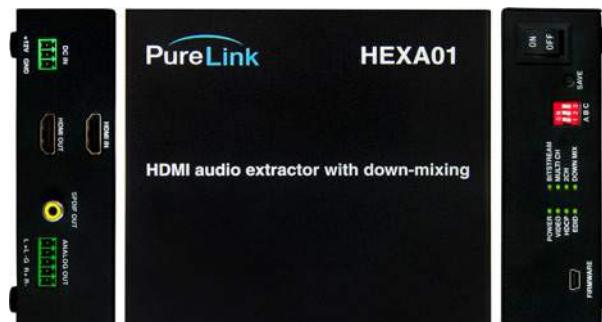
### Key Features

- Converts VGA signals to high definition HDMI with stereo audio
- Supports output resolutions up to 1080p@60Hz
- Embeds audio signals into the HDMI signal
- Maximum data transfer rate up to 6.75Gbps for quick error-free transmission
- Can be powered directly from the VGA source

### Technical Specifications

INPUT	VGA
OUTPUT	HDMI
PC RESOLUTION	Up to 1600 x 1200 @60Hz
HDTV RESOLUTION	Up to 1080p @60Hz
INPUT CONNECTOR	VGA
OUTPUT CONNECTOR	HDMI
AUDIO CONNECTOR	Via 3.5mm to HDMI
POWER CONNECTOR	From VGA port and/or USB port
CONSUMPTION	Less than 2W
DDC SIGNAL	5Vp-p (TTL)
DIMENSIONS (W x D x H)	1.8" x 3.4" x 0.7" in. 45.8 x 85.5 x 17.5 mm
WEIGHT	0.4 lbs (181.43 g)

## HEXA01 HDMI Audio Extractor with PCM Multi Channel to 2 Channel Downmixing



### Key Features

- Digital and Analog audio support\*
- Balanced or unbalanced analog audio
- HDMI Output Audio On/O
- HDMI 1.4 with full 3D support
- Auto-EDID (EDID Library, Emulation)
- HDCP Compliant
- Field Upgradable

### Technical Specifications

INPUT	HDMI (TMDS)
OUTPUTS	HDMI (TMDS), SPDIF and Stereo audio
DATA RATE	2.25 Gbps
FREQUENCY RANGE	25 – 165 Mhz
PC RESOLUTION	Up to 1920X1200@60Hz
HDTV RESOLUTION	Up to 1080p
INPUT CONNECTOR	19-pin Female HDMI
OUTPUT CONNECTOR	19-pin Female HDMI S/PDIF
STANDARD	HDMI 1.4
COMPLIANCE	Yes
ACCESSORIES	DC +12V 3A, 36W Max (Power Supply)
DIMENSIONS (W x D x H)	4.7" x 3.5" x 0.8" in. 120 x 90 x 20 mm
WEIGHT	1 lbs (0.5 kg)

\* HEXA01 supports downmixing of up to 5.1 channel PCM audio sources. It does not support downmixing of 7.1 channel PCM audio sources.



The SC-DS1 converts an HDMI or DVI signal to an SD, HD, or 3G-SDI signal output, supporting resolutions up to 1080p. The SC-DS1 delivers lossless signal transmission and provides a convenient solution for connecting HDMI devices with professional SDI video equipment used in post-production and broadcast applications.

### Key Features

- Real-time conversion of an HDMI input to an SD/ HD/3G-SDI output
- Supports HDMI v1.4b with Deep Color
- Dual Link 3G-SDI (standardized in SMPTE 424M)
- Automatic input signal detection
- Support DVI input with adapter

### Technical Specifications

INPUT	DVI/HDMI	RECEPTACLE	DC Power Jack
OUTPUT	HD-SDI/SDI	BNC Female	
INPUT DATA FORMAT	HDMI( YCbCr(4:2:2)), DVI(RGB(4:4:4))	HDMI 19 Pin Female	
OUTPUT DATA FORMAT	SDI format YCbCr(4:2:2)	SMPTE	
INPUT RESOLUTION	Up to Full HD(1920*1080p) 1080p @ (60/59.94) 1080i @ (60/59.94/50) 1080p @ (25/24/23.976) 720p @ (60/59.94/50) 480i @ (59.94)	HDMI Ver 1.4 DDWG DVI 1.0	
OUTPUT RESOLUTION	Up to Full HD(1920*1080p) SMPTE-425M -1080p @ (60/59.94) SMPTE-274M -1080i@ (60/59.94/50) SMPTE-260M -1080p @ (25/24/23.976) SMPTE-296M -720p@ (60/59.94/50) SMPTE-125M -480i @ (59.94)	HDMI Female 19P BNC Female DC 5V, 2A 5Watts (Power Supply)	
		DIMENSIONS (W x D x H)	4.0 x 3.07 x 1.18 in. 102 x 78 x 30 mm
		WEIGHT	0.66 lbs ( 0.3 kg)



The SC-SD2 converts video and audio from a 3G/HD-SDI signal to an HDMI output, supporting native resolutions up to 1080p. The SC-SD2 delivers lossless signal transmission for reliable connectivity in post-production and broadcast applications.

### Key Features

- Real-time conversion of an HDMI input to an SD/ HD/3G-SDI output
- Supports HDMI v1.4b with Deep Color
- Dual Link 3G-SDI (standardized in SMPTE 424M)
- Automatic input signal detection
- Supports DVI output with adapter

### Technical Specifications

INPUT	HD-SDI/SDI	RECEPTACLE	DC Power Jack
OUTPUT	DVI/HDMI		BNC Female
INPUT DATA FORMAT	SDI format YCbCr(4:2:2)		HDMI 19 Pin Female
OUTPUT DATA FORMAT	HDMI( YCbCr(4:2:2)), DVI(RGB(4:4:4))	COMPLIANCE	SMPTE
INPUT RESOLUTION	Up to Full HD(1920*1080p) SMPTE-425M -1080p @ (60/59.94) SMPTE-274M -1080i@ (60/59.94/50) SMPTE-260M -1080p @ (25/24/23.976) SMPTE-296M -720p @ (60/59.94/50) SMPTE-125M -480i @(59.94)		HDMI Ver 1.3 DDWG DVI 1.0
OUTPUT RESOLUTION	Up to Full HD(1920*1080p) 1080p @ (60/59.94) 1080i @ (60/59.94/50) 1080p @ (25/24/23.976) 720p @ (60/59.94/50) 480i @ (59.94)	AUDIO FORMAT	AES/EBU , 48Khz Sampling Rate
		INPUT CONNECTOR	BNC Female
		OUTPUT CONNECTOR	HDMI Female 19P
		ACCESSORIES	DC 5V, 2A 5Watts (Power Supply)
		DIMENSIONS (W x D x H)	4.0 x 3.07 x 1.18 in. 102 x 78 x 30 mm
		WEIGHT	0.66 lbs ( 0.3 kg)



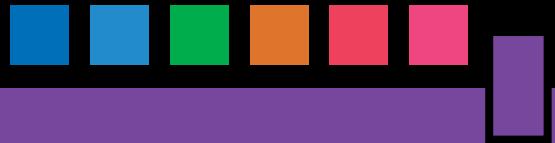
The SE-DDL is an EDID Emulator for single-link and dual-link DVI featuring PureLink's proprietary Auto-EDID management system. The SE-DDL automatically manages EDID communication between connected devices, ensuring that all sources power up properly and maintain optimal video settings for display.

### Key Features

- Auto-EDID system automatically maintains EDID communication between connected devices
- Provides continuous EDID handshake with DVI sources
- Built-in rotary switch allows users to quickly emulate desired EDID settings (up to 15 total EDIDs including 12 default EDID and 3 empty positions)
- Built-in equalizer for reliable signal quality performance
- EDID default, capture, and bypass mode
- Can be powered directly from the DVI source or with an optional power supply

### Technical Specifications

INPUT	Digital RGB(DVI), Single Link and Dual Link
OUTPUT	Digital RGB(DVI), Single Link and Dual Link
RESOLUTIONS	Up to 3840 x 2400 @ 30Hz
EDID ROTARY	16 Rotary Switch (0~9 & A~F)
INPUT CONNECTOR	29 PIN DVI-I Connector
OUTPUT CONNECTOR	29 PIN DVI-I Connector
POWER CONNECTOR	Micro USB Connector
FIRMWARE CONNECTOR	Serial
ACCESSORIES	DC 5V, 1.0A (power supply)
DIMENSIONS (W x D x H)	3.5 x 3.4 x 1.2 in. 88 x 85 x 30 mm
WEIGHT	0.4 lbs (0.19 kg)



# Digital Signage Solutions

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PureStream content playback and management solutions offer a fully-integrated network media solution for a variety of digital signage applications including retail, hospitality, and public transportation. PureStream provides a total signage solution with high-performance media playback devices and intuitive software to help manage, create, and deliver dynamic content with maximum efficiency.



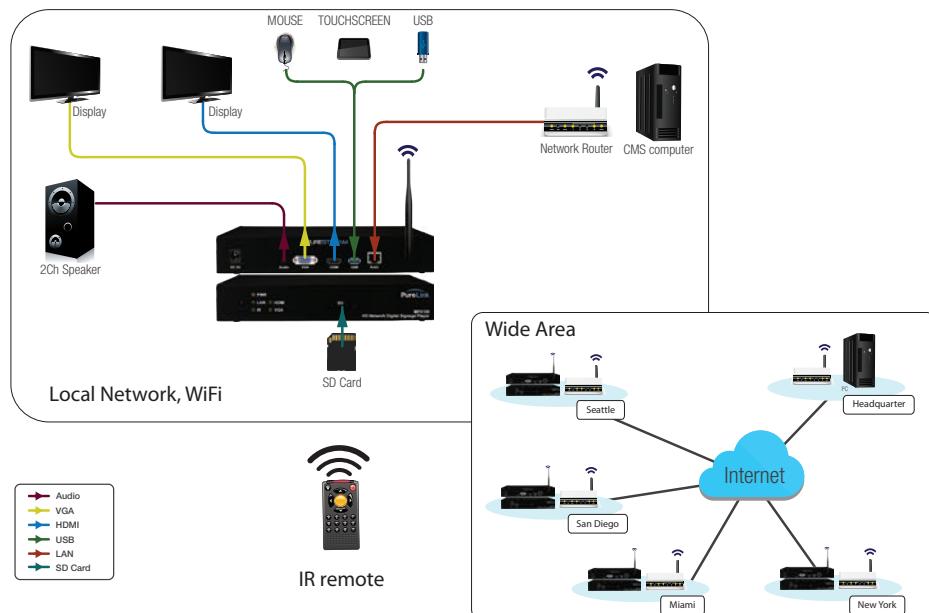
The MPX100 Full HD WiFi Media Player is a full featured digital signage hardware solution that manages and distributes brilliant digital signage content using Video over IP technology and advanced decoding capabilities. Export playlist content via the built-in WiFi, LAN, or USB options for a self-sufficient, non PC-based media playback solution. The MPX100 offers 4 GB of built-in flash memory, as well as a securable SD card slot allowing expansion of up to 128GB for local content storage. With its comprehensive design and the longest warranty in the industry, the MPX100 ensures worry free operation.

## Key Features

- 1080P output – HDMI and VGA
- Audio output for additional sound system reinforcement
- 16G SD card – player supports up to 128G SD card
- Touchscreen support for interactive campaigns/programs
- Mouse support for setup and interactive campaigns/programs
- Remote control for setup and recall of interactive campaigns/programs
- Portrait or Landscape output
- Most zone/container support on the market

## Hardware Specification

PLATFORM	Non-PC based , RISC or Embedded based platform, Android 4.4
VIDEO OUTPUT	HDMI (1080P), VGA (1080P)
AUDIO OUTPUT	RCA L / R Jack
STORAGE	Default 16G SD card (Maximum up to 128G)
PROCESSOR	ARM Cortex-A9, Dual-core 1.6G
MEMORY	DDR-3, 1G
FLASH	NAND 4G Flash
NETWORK	10/100 Mbps Fast Ethernet
WIRELESS	Built-in Wi-Fi 802.11b/g, 3G (WCDMA, CDMA2000) , 3G is optional
USB	USB2.0 x 1, USB1.0 x 1



The MPX Enterprise Software application is a simple and intuitive web-based interface for playlist scheduling and dynamic content creation. Combined with the high reliability of PureLink's MPX media players, the MPX Enterprise Software offers an effective and easy way to manage, monitor, and design digital signage messaging.

## Key Features

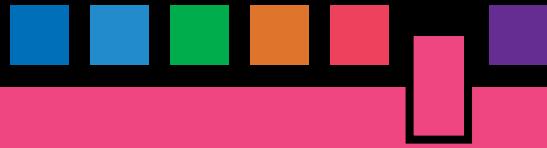
- Included with the MPX100 Media Player
- Highest number of zone / containers available on market
- Easy to use, pre-loaded templates
- Extensive controls for user roles, permissions, and accounts
- Server based software with remote access to GUI
- Flexible playlist scheduling of multiple campaigns / programs
- Supports a wide variety of graphic types and interactive content for touchscreen / mouse
- Content design & preview (videos, animations, tickers, news feeds, live clocks, and weather)
- Allows scheduled or instant screen grabs of remote players for content confirmation
- Support from one to 1,000 + players
- Monitor multiple media players in real time
- Retrieve comprehensive system logs and reports

## Technical Specifications

MEDIA SUPPORT	Video/Audio/Picture/Scrolling text/Webpage/Weather/Date/Clock/Weather/Tag etc.
VIDEO FORMAT	MOV, AVI, MP4, DVD, ASF, WMV, MKV, RM, RMVB, TS, DAT, MPG, MPEG, VOB
AUDIO FORMAT	MP3, WMA, WMA Pro, AAC, MPEG1/2 Layer ½, ADPCM, OGG Vorbis, Dolby Digital AC3, Dolby Digital Plus, RA-COOK, FLAC
PICTURE FORMAT	JPEG, BMP, GIF, PNG, TIFF
SCROLLING MESSAGE (TICKER)	Support with adjustable font, speed, size, color, and rolling mode.
DISPLAY RESOLUTION	1080P Full H.D.
PORTRAIT MODE	Support
BACKGROUND PICTURE	Support
MULTIPLE ZONES	Support multiple zones on screen
DISPLAY	







# Cables & Accessories

CX Series | EZ Series | PI Series | PS Series

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PureLink **cables** and **accessories** are designed to enhance the functionality of complex A/V systems and provide optimal performance when combined with a wide range of PureLink products. Premium, secure-locking HDMI cables, network and fiber optic cable assemblies, along with convenient installer tools and connectors, all featuring proprietary TOTALWIRE™ Technology, provide the perfect fit to ensure reliable, end-to-end connectivity.

## CX Series Certified CATx High Performance Cable



- CAT6A (UTP) cable system
- Shielded connector and 4 shielded twisted pairs (U/FTP)
- Optimized for HDBaseT® installations
- Pre-terminated lengths or bulk reels of 1,000 ft.
- Lifetime Warranty
- LSZH

Item No.	Length	
CX-010	33ft	10m
CX-020	66ft	20m
CX-030	98.4ft	30m
CX-040	131.2ft	40m
CX-050	165ft	50m
CX-070	230ft	70m
CX-100	330ft	100m
CX-1000	1000ft	300m

## CX-Connector Certified CATx Connector for CX Cable



- Field installable plug for cable conductors up to 0.048" and overall diameters up to .295"
- Suitable for CAT6a and CAT6 applications delivering 10G Base-T and Gigabit Ethernet
- Low profile design allows for use in high density switches and routers
- Anti-snag boot prevents plug tab damage during installation
- Packaging available for both field installation and factory terminations
- Can be used to terminate both shielded and unshielded cabling

Item No.	Performance	Conductor Diameter	Cable Diameter	Packaging
CX-Connector	CAT6a	.042"-.048" [1.07-1.22]	.270"-.295" [6.86-7.49]	Individually Bagged

## EZ-Terminator Tools-Less CATx/HDBaseT Termination Kit



- Fast, accurate and reliable termination of Gigabit Ethernet cables
- Locate and terminate all 8 wires using easy color codes
- Detachable wiring bridge for ease of use
- Robust snap fit outer casing
- Delivers exceptional performance while streamlining installations

Item No.	Length	
HBM-01	3 in	76.2 mm
	1	
	2	
	3	
	4	

## EZH Series Certified Integrated HDMI Over Fiber Cable



- Supports all PC and HDTV resolutions up to 4K / Ultra HD
- 3D Support with 36-bit Deep Color
- Pre-terminated lengths up to 100 meters (328 ft.)
- Incorporates active transceivers inside connectors
- Immune from electrical noise (EMI & RFI)
- Plug-n-play (no additional power supply required)
- HDMI 1.4
- Plenum Rated

Item No.	Length	
EZH-010	33ft	10m
EZH-020	66ft	20m
EZH-030	98.4ft	30m
EZH-040	131.2ft	40m
EZH-050	165ft	50m
EZH-070	230ft	70m
EZH-100	330ft	100m

## EZH2.0 Series Certified Integrated HDMI Over Fiber Cable



- Supports all PC and HDTV resolutions up to 4K / Ultra HD
- 3D Support with 36-bit Deep Color
- Pre-terminated lengths up to 100 meters (328 ft.)
- Incorporates active transceivers inside connectors
- Immune from electrical noise (EMI & RFI)
- Plug-n-play (no additional power supply required)
- HDMI 2.0
- Plenum Rated

Item No.	Length	
EZH2-010	33ft	10m
EZH2-020	66ft	20m
EZH2-030	98.4ft	30m
EZH2-040	131.2ft	40m
EZH2-050	165ft	50m
EZH2-070	230ft	70m
EZH2-100	330ft	100m

## EZD Series Certified Integrated DVI Over Fiber Cable



- Supports all PC and HDTV resolutions up to 1080p
- Detachable connectors for convenient, no-hassle installation
- Incorporates active transceivers inside connectors
- Plug-n-play (no additional power supply required)
- HDCP compliant
- Plenum rated

Item No.	Length	
EZD-010	33ft	10m
EZD-020	66ft	20m
EZD-030	98.4ft	30m
EZD-040	131.2ft	40m
EZD-050	165ft	50m
EZD-070	230ft	70m
EZD-100	330ft	100m

## EZS Tx/Rx EZ-S Optical Cable Assembly for 3G/HD-SDI – Tx/Rx Modules



- Fully integrated passive optical assembly
- Extends up to 1900ft (600M)
- Supports multi-rate SDI, HD-SDI, and 3G-SDI signals
- Video Pathological Test Code compliant
- ST connector for optical in/out

## FLC2 Multi-Mode 2 LC Fiber Optic Cable with TotalWire Technology



- Pre-terminated 50/125 multimode fiber
- RJ-style push-pull housing
- Terminated with LC connectors
- PVC jacket
- RoHS compliant
- Available in various lengths from 10m (33 ft) to 100m (330 feet)

Item No.	Length	
FLC2-010	33ft	10m
FLC2-020	66ft	20m
FLC2-030	98.4ft	30m
FLC2-040	131.2ft	40m
FLC2-050	165ft	50m
FLC2-070	230ft	70m
FLC2-100	330ft	100m

## FLC4 Multi-Mode 4 LC Fiber Optic Cable with TotalWire Technology



- Individually color-coded, 62.5/125 simplex sub cables
- RJ-style push-pull housing
- Terminated with LC connectors
- PVC jacket
- RoHS compliant
- Available in various lengths from 10m (33 ft) to 100m (330 feet)

Item No.	Length	
FLC4-010	33ft	10m
FLC4-020	66ft	20m
FLC4-030	98.4ft	30m
FLC4-040	131.2ft	40m
FLC4-050	165ft	50m
FLC4-070	230ft	70m
FLC4-100	330ft	100m

## PI1000 Certified High Speed HDMI Cable with Ethernet



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- HDMI v. 2.0 compatible
- Triple shielded for superior noise immunity
- SLS™ Locking Technology

Item No.	Length	
PI1000-005	1.65ft	0.5m
PI1000-010	3.3ft	1m
PI1000-015	4.9ft	1.5m
PI1000-020	6.6ft	2m
PI1000-030	10ft	3m
PI1000-050	16.5ft	5m
PI1000-075	24.6ft	7.5m
PI1000-100	33ft	10m
PI1000-150	49.5ft	15m
PI1000-200	66ft	20m
PI1000-250	82ft	25m
PI1000-300	98.4ft	30m

## PI1100 Certified High Speed HDMI Extension Cable



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- HDMI v. 2.0 compatible
- Triple shielded for superior noise immunity
- SLS™ Locking Technology

Item No.	Length	
PI1100-010	3.3ft	1m
PI1100-020	6.6ft	2m
PI1100-030	10ft	3m
PI1100-050	16.5ft	5m

## PI1200 Certified High Speed Mini HDMI Cable with Ethernet



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- HDMI v. 2.0 compatible
- Triple shielded for superior noise immunity
- SLS™ Locking Technology

Item No.	Length	
PI1200-010	3.3ft	1m
PI1200-015	4.9ft	1.5m
PI1200-020	6.6ft	2m
PI1200-030	10ft	3m

## PI1300 Certified High Speed Micro HDMI Cable with Ethernet



- High Speed HDMI for 3D and HDTV resolutions up to 4K (2160p)
- Integrated Ethernet channel for 100 MBit network transmission via HDMI
- High-purity OFC tinned copper conductor and 3-way shielding
- Innovative Secure Lock System™ for HDMI connections
- Especially suitable for professional applications as well as mobile devices

Item No.	Length	
PI1300-010	3.3ft	1m
PI1300-015	4.9ft	1.5m
PI1300-020	6.6ft	2m
PI1300-030	10ft	3m

## PI2000 Active Certified High Speed HDMI Extension Cable with Ethernet



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- HDMI v. 2.0 compatible
- Triple shielded for superior noise immunity
- SLSTM Locking Technology
- APO™ technology (Active Performance Optimizer™)

Item No.	Length	
PI2000-150	49.5ft	15m
PI2000-200	66ft	20m
PI2000-250	82ft	25m
PI2000-300	98.4ft	30m
PI2000-350	114.8ft	35m
PI2000-400	131.2ft	40m

## PI3000 Certified High Speed Mini HDMI Cable with Ethernet



- HDMI-A male to DVI-D male (18+1)
- Triple shielded for superior noise immunity
- SLSTM Locking Technology

Item No.	Length	
PI3000-005	1.65ft	0.5m
PI3000-010	3.3ft	1m
PI3000-015	4.9ft	1.5m
PI3000-020	6.6ft	2m
PI3000-030	10ft	3m
PI3000-050	16.5ft	5m
PI3000-075	24.6ft	7.5m
PI3000-100	33ft	10m
PI3000-150	49.5ft	15m

## PI4000 Certified DVI Single-Link Cable



- DVI-D male (18+1) to DVI-D male (18+1)
- Supports resolutions up to 1600x1200
- Triple shielded for superior noise immunity

Item No.	Length	
PI4000-005	1.65ft	0.5m
PI4000-010	3.3ft	1m
PI4000-015	4.9ft	1.5m
PI4000-020	6.6ft	2m
PI4000-030	10ft	3m
PI4000-050	16.5ft	5m
PI4000-075	24.6ft	7.5m
PI4000-100	33ft	10m
PI4000-150	49.5ft	15m
PI4000-200	66ft	20m
PI4000-250	82ft	25m
PI4000-300	98.4ft	30m

## PI4100 Certified DVI Single-Link Extension Cable



- Single Link DVI-D video resolutions up to WUXGA / FullHD (1920x1200)
- Optimal signal quality - connection by high quality PCB
- Precision fit and gilded Premium Contacts
- High-purity OFC tinned copper conductor and 3-way shielding
- Especially suitable for professional applications and installations

Item No.	Length	
PI4100-010	3.3ft	1m
PI4100-020	6.6ft	2m
PI4100-030	10ft	3m
PI4100-050	16.5ft	5m

## PI4200 Certified DVI Dual-Link Cable



- Dual Link DVI-D connection for video resolutions up to QXGA (2560x1600)
- Optimal signal quality - connection by high quality PCB
- Precision fit and gilded Premium Contacts
- High-purity OFC tinned copper conductor and 3-fold shielding
- Especially suitable for professional applications and installations

Item No.	Length	
PI4200-005	1.65ft	0.5m
PI4200-010	3.3ft	1m
PI4200-015	4.9ft	1.5m
PI4200-020	6.6ft	2m
PI4200-030	10ft	3m
PI4200-050	16.5ft	5m
PI4200-075	24.6ft	7.5m
PI4200-100	33ft	10m
PI4200-150	49.5ft	15m
PI4200-200	66ft	20m
PI4200-250	82ft	25m
PI4200-300	98.4ft	30m

## PI4300 Certified DVI Dual-Link Extension Cable



- Dual Link DVI-D video resolutions up to QXGA / FullHD (2560x1600)
- Optimal signal quality - connection by high quality PCB
- Precision fit and gilded Premium Contacts
- High-purity OFC tinned copper conductor and 3-fold shielding
- Especially suitable for professional applications and installations

Item No.	Length	
PI4300-010	3.3ft	1m
PI4300-020	6.6ft	2m
PI4300-030	10ft	3m
PI4300-050	16.5ft	5m

## PI5000 Certified DisplayPort Cable



- DisplayPort connection for video resolutions up to 4K / UltraHD @ 60Hz
- Full audio support including. DTS-HD™ and Dolby TrueHD™
- Optimal signal quality - connection by high quality PCB
- High-purity OFC tinned copper conductor and 3-way shielding
- Especially suitable for professional applications and installations

Item No.	Length	
PI5000-010	3.3ft	1m
PI5000-015	4.9ft	1.5m
PI5000-020	6.6ft	2m
PI5000-030	10ft	3m

## PI5100 Certified DisplayPort to HDMI Cable



- DisplayPort to HDMI signal for HDTV resolutions up to 1920x1200 (WUXGA)
- High-purity OFC tinned copper conductor and 3-way shielding
- Innovative Secure Lock System™ for HDMI connections
- Optimal signal quality - connection by high quality PCB
- Especially suitable for professional applications and installations

Item No.	Length	
PI5100-010	3.3ft	1m
PI5100-015	4.9ft	1.5m
PI5100-020	6.6ft	2m
PI5100-030	10ft	3m

## PI5200 Certified DisplayPort to DVI Cable



- DisplayPort to DVI-D signal for HDTV resolutions up to 1920x1200 (WUXGA)
- High-purity OFC tinned copper conductor and 3-way shielding
- Optimal signal quality - connection by high quality PCB
- Precision fit and gilded Premium Contacts
- Especially suitable for professional applications and installations

Item No.	Length	
PI5200-010	3.3ft	1m
PI5200-015	4.9ft	1.5m
PI5200-020	6.6ft	2m
PI5200-030	10ft	3m

## PS1500 SuperThin High Speed HDMI Cable with Ethernet



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- Integrated Ethernet channel for 100 Mbps transmission over HDMI
- Gold plated connectors for optimal transmission quality and durability
- High-purity OFC copper and 3-fold shielding

Item No.	Length	
PS1500-010	3.3ft	1m
PS1500-015	4.9ft	1.5m
PS1500-020	6.6ft	2m
PS1500-030	10ft	3m

## PS1700 SuperThin High Speed HDMI Cable with Ethernet



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- Integrated Ethernet channel for 100 Mbps transmission over HDMI
- Gold plated connectors for optimal transmission quality and durability
- High-purity OFC copper and 3-fold shielding

Item No.	Length	
PS1700-01	3.3ft	1m
PS1700-015	4.9ft	1.5m
PS1700-02	6.6ft	2m
PS1700-03	10ft	3m
PS1700-05	16.5ft	5m

## PS1720 SuperThin High Speed Mini HDMI Cable with Ethernet



- High Speed Mini HDMI with Ethernet for resolutions up to 4K (2160p)
- Lean "Super Thin" design: only 3.6 mm cable diameter
- Extremely small bending radius for hard to reach places: 30-35 mm
- High-purity, silver plated OFC copper conductor and 3-fold shielding
- Especially suitable for professional applications as well as mobile devices

Item No.	Length	
PS1720-015	4.9ft	1.5m
PS1720-03	10ft	3m

## PS1740 SuperThin High Speed Micro HDMI Cable with Ethernet



- High Speed HDMI for 3D and HDTV resolutions up to 4K(2160p)
- Integrated Ethernet channel for 100 Mbit transmission via HDMI
- High-purity OFC tinned copper conductor and 3-fold shielding
- Perfect for smartphones, tablets, mobile devices with micro HDMI port
- Especially suitable for professional applications as well as mobile devices

Item No.	Length	
PS1740-015	4.9ft	1.5m
PS1740-03	10ft	3m

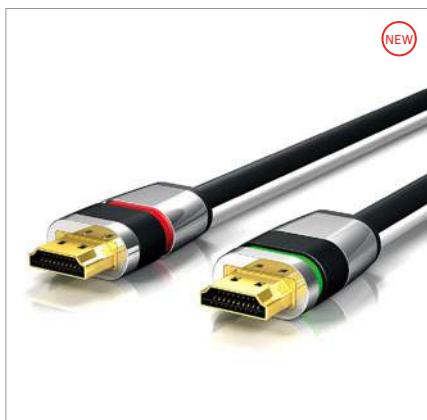
## PS2000 Certified High Speed HDMI with Ethernet (Active, APO™)



- High Speed HDMI for 3D and HDTV resolutions up to 4K(2160p)
- Integrated Ethernet channel for 100 Mbit transmission via HDMI
- High-purity silver-plated OFC copper conductor and 3-fold shielding
- APO™ technology (Active Performance Optimizer™)
- Gold plated connectors for optimal transmission quality and corrosion protection

Item No.	Length	
PS2000-05	16.5ft	5m
PS2000-075	24.6ft	7.5m
PS2000-10	33ft	10m
PS2000-125	41.0ft	12.5m

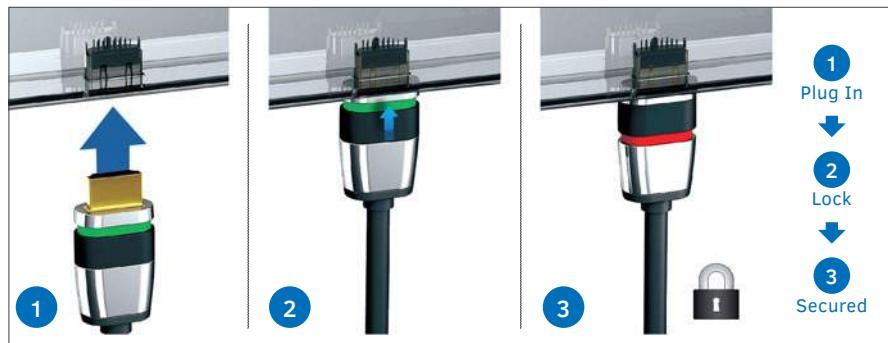
## ULS1000 Certified High Speed HDMI Cable with Security Lock



- High-speed with Ethernet
- HDMI 2.0 for 3D and Ultra HD/4K support
- Innovative ULS™ (Ultra Lock System) technology
- High-purity OFC copper wire, 3-fold shielding
- APO Technology (Active Performance Optimizer)
- \*for 5m, 7.5m, and 10m lengths only

Item No.	Length	
ULS1000-005	1.65ft	0.5m
ULS1000-010	3.3ft	1m
ULS1000-015	4.9ft	1.5m
ULS1000-020	6.6ft	2m
ULS1000-030	10ft	3m
ULS1000-050 (w/ APO™)	16.5ft	5m
ULS1000-075 (w/ APO™)	24.6ft	7.5m
ULS1000-100 (w/ APO™)	33ft	10m

### ULTRA-LOCK SYSTEM THE SAFEST LOCKING SYSTEM FOR HDMI



As more and more devices are designed with awkwardly positioned HDMI sockets, any accidental movement or pulling weight of the cable can easily disengage the connector, contributing to partial or even complete signal loss. The Ultra-Lock System (ULS™) features a patented locking mechanism that extends and holds the connector in place. The universal 360 ° locking switch is fully compatible with existing HDMI receptacles and allows easy on/off locking positions with color indicators.

**PI010**

DVI-D Male to HDMI-A Female Adapter



- Certified High Speed

**PI015**

HDMI-A Male to DVI-D Female Adapter



- SLS™ Technology
- Certified High Speed

**PI020**

HDMI-A Female to HDMI-A Female Gender Changer



- Certified High Speed

**PI030**

HDMI-A Male to HDMI-A Female Port Saver Adapter



- Certified High Speed w/ Ethernet

**PI035**

HDMI-A Male to HDMI-A Female Right-Angle Adapter



- 90° Tilted
- SLS™ Technology
- Certified High Speed w/ Ethernet

**PI040**

HDMI-A Male to HDMI-A Female 270° Adapter



- 270° Tilted
- SLS™ Technology
- Certified High Speed w/ Ethernet

**PI045**

HDMI-A Female to DVI-D Female Adapter



- Certified High Speed

**PI050**

HDMI-A Male to Mini HDMI-C Female Adapter



- SLS™ Technology
- Certified High Speed w/ Ethernet

**PI055**

HDMI-A Male to Mini HDMI-C Female Adapter



- SLS™ Technology
- Certified High Speed w/ Ethernet

**PI060**

HDMI-A Male to DVI-D Female Port Saver Adapter



- SLS™ Technology
- Certified High Speed

**PI065**

DVI-D Male (18+1) to HDMI-A Female Port Saver Adapter



- Certified High Speed

**PI070**

DVI-D Male (18+1) to DVI-D Female (24+1) Port Saver Adapter



- Certified High Speed

**PI075**

HDMI-A Male to HDMI-A Female Power Adapter



- 6V 1A Power Adapter
- Ideal for long distance HDMI connections and active cables
- SLS™ Technology
- Certified High Speed w/ Ethernet

**PI080**

Micro HDMI-D Male to HDMI-A Female Adapter



- SLS™ Technology
- Certified High Speed w/ Ethernet

**PI085**

HDMI-A Male to Micro HDMI-D Female Adapter



- SLS™ Technology
- Certified High Speed w/ Ethernet

**PI090**

HDMI-A Female to HDMI-A Female Adapter



- Certified High Speed

**PI100**

HDMI-A Female wall socket 1 port



- Certified High Speed w/ Ethernet
- Space-saving, clean and simple transmission of HDMI signals
- Concealed installation instead of disturbing cable

**PI105**

HDMI-A Female wall socket 2 ports



- Certified High Speed w/ Ethernet
- Space-saving, clean and simple transmission of HDMI signals
- Concealed installation instead of disturbing cable

**PI150**

DisplayPort to HDMI Adapter



- DisplayPort to HDMI Adapter for resolutions up to WUXGA (1920x1200)
- Precision fit and gilded Premium Contacts
- Compact size
- Especially suitable for professional applications and installations

**PI155**

DisplayPort to HDMI Port Saver Adapter



- DisplayPort to HDMI Adapter for resolutions up to WUXGA (1920x1200)
- Precision fit and gilded Premium Contacts
- Port Saver for relieving DisplayPort sockets and larger bend radius

**PI160**

DisplayPort to DVI Adapter



- DisplayPort to DVI Adapter for resolutions up to WUXGA (1920x1200)
- Precision fit and gilded Premium Contacts
- Compact size

**PI170**

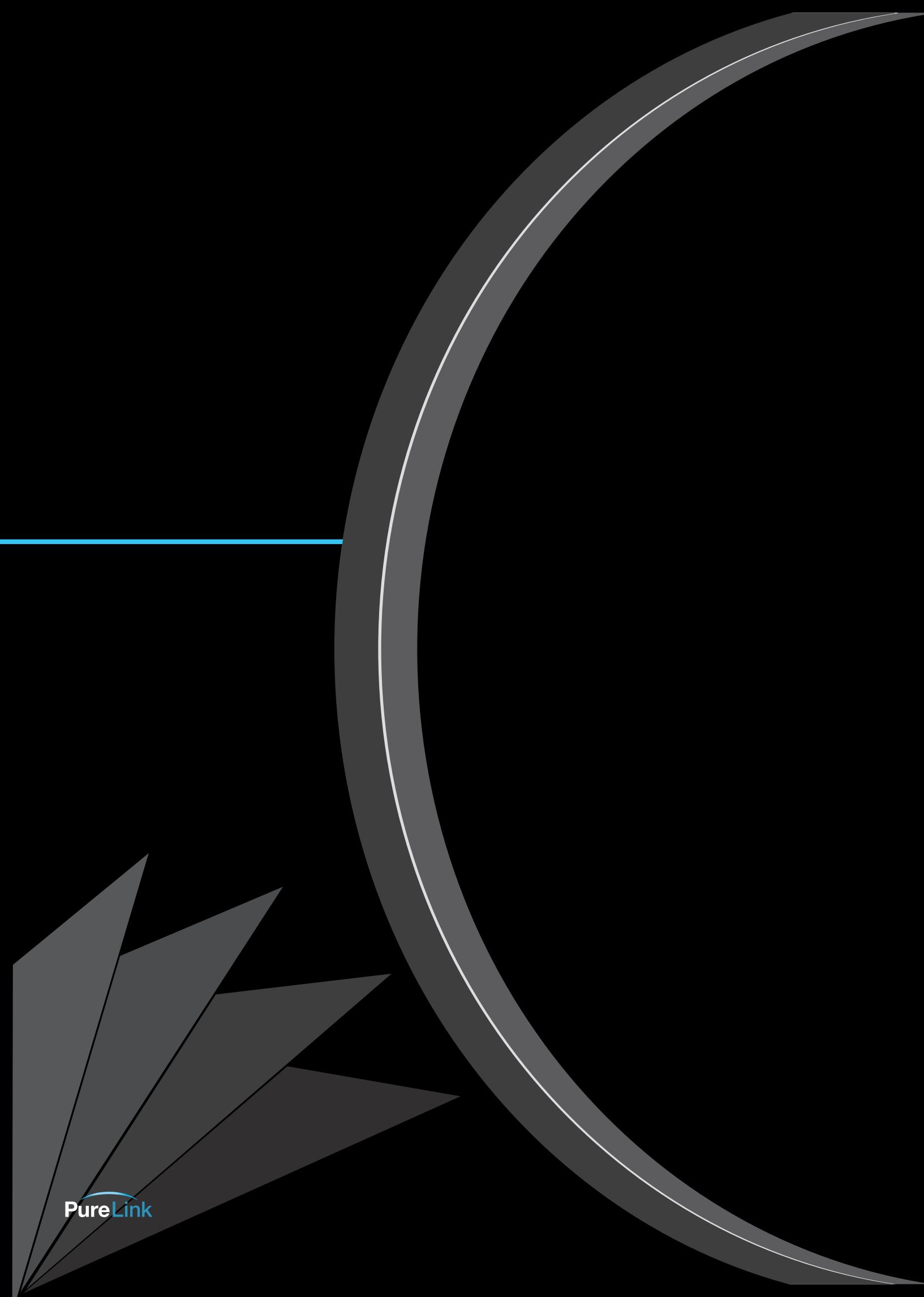
DisplayPort to DVI Adapter Port Saver



- DisplayPort to DVI Adapter for resolutions up to WUXGA (1920x1200)
- Precision fit and gilded Premium Contacts
- Port Saver for relief of DVI connectors and larger bend radius

## Notes

## Notes



PureLink