

# Dual DVI-D and USB 2.0 Extender up to 250 ft. Over STP



## UDX-2P

### Dual DVI-D and USB 2.0 Extender Over STP with Super Reclocking

Extend DVI-D and USB 2.0 connections to computer monitors  
with USB keyboard and mouse up to 250 feet over STP

#### OVERVIEW

The UDX-2P is the perfect solution for extending dual DVI-D displays and USB 2.0 devices to a remote location. It extends DVI-D and USB 2.0 signals to a remote location up to 250 feet away. The UDX-2P features pixel accurate signal reclocking which regenerates the input signal into a perfectly sharp and clear output signal. It is plug-and-play ready with dynamic DDC learning.

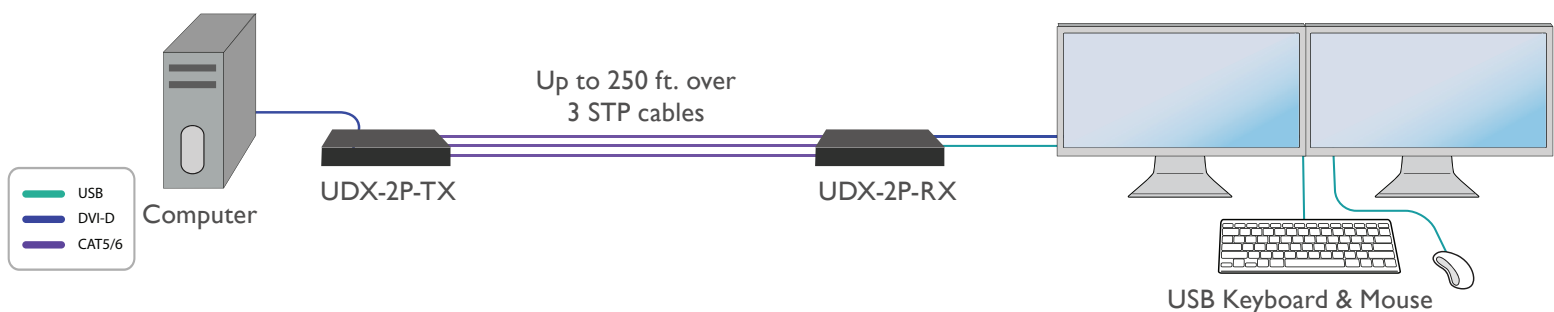
#### FEATURES

- DDC from internal table for Mac/PC
- Dedicated switch to learn any DDC
- Supports high resolution 1920x1200 60Hz WUXGA
- Supports Mac, PC, and Linux DVI
- Uses universal DVI Single Link connectors
- Zero pixel loss with TMDS signal correction
- Supports all USB 2.0 and 1.0 Devices transparently (disk drives, flash drives, printers, cameras, scanners, etc.)
- Supports 4-port USB 2.0 in remote location
- Full reclocking for the receiver which regenerates digital signal producing top signal quality
- Extends up to 250ft (275ft with high quality CAT6 STP)

#### APPLICATIONS

- Medical Applications
- Industrial Work Areas
- Home Theater Integration
- Digital Signage Deployment
- Information Kiosks/Displays
- Film/Recording Studios

#### APPLICATION DIAGRAM



## SPECIFICATIONS

VIDEO	
Format	DVI-D Single Line
Maximum Pixel Clock	165 MHz
Input Interface (TX)	(2) DVI-D 29-pin female
Output Interface (RX)	(2) DVI-D 29-pin female
Resolution	Up to 1920 x 1200 @60Hz
DDC	5 volts p-p(TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft.
Output Cable Length	Up to 20 ft.
USB	
Signal Type	USB 2.0 480 Mbit/s (60 MB/s)
Input Interface (TX)	(1) USB Type B (Female)
Output Interface (RX)	(4) USB Type A (Female)
OTHER	
Power	External 100-240 VAC/5VDC4A @20W
Dimensions	10.5 in W x 1.75 in H x 3.375 in x D (3 in RX)
Weight	4 lb
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%



UDX-2P-TX Front



UDX-2P-TX Rear



UDX-2P-RX Front



UDX-2P-RX Rear

Part No.	Description
UDX-2PS	2 DVI-D and USB 2.0 over CAT6 STP Extender. Includes: [UDX-2P-TX, UDX-2P-RX and 2 x (PS5VDC4A)]

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