

What's in the Box?

PART NO.	QTY	DESCRIPTION
RDU-2P-TX	1	2 DVI-D and USB switch with integrated extender, over CAT6 STP Extender Transmitter
RDU-2P-RX	1	2 DVI-D and USB switch with integrated extender, over CAT6 STP Extender Receiver
Power Supply	2	PS5VDC4A

Technical Specifications

VIDEO	
Format	DVI-D Single Line
Maximum Pixel Clock	165 MHz
Input Interface (TX)	(2) DVI-D 29-pin female
Output Interface (RX)	(1) 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 1.1 (Fully Transparent)
Input Interface (TX)	(2) USB Type B (Female)
Output Interface (RX)	(4) USB Type A (Female)
OTHER	
Power	External 100-240 VAC/5VDC4A @20W
Dimensions	9 in W x 1 in H x 3 in D
Weight	1 lb
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

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RDU-2PTX Front



RDU-2PTX Rear



RDU-2PRX Front



RDU-2PRX Rear



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Installation Manual

RDU-2P

2-Port DVI-D and USB 1.1 Extender with Integrated Local/Remote Switch



2-Port DVI-D and USB 1.1 Local/Remote Switch - Extends up to 275 feet over STP Cable

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Introduction

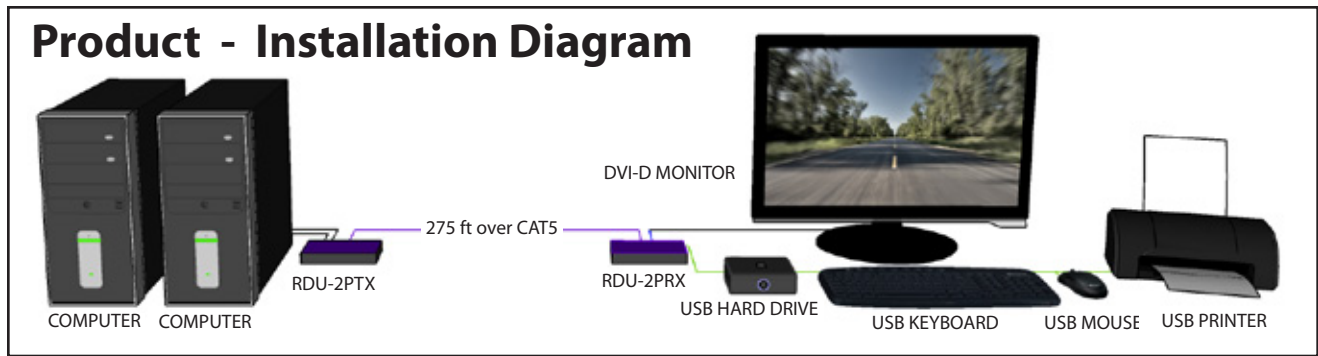
The RDU-2P is a perfect solution for sharing the output of two computers from a remote location. It extends DVI-D and USB 1.1 from two computers to a remote location up to 275 feet away. Both the transmitter and receiver have an integrated remote switch, allowing you to switch between the two computers locally or from the remote location. With its DDC learning capability, the RDU-2P is fully plug-and-play.

Features


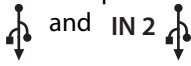



- DDC from internal table for Mac/PC
- DDC learning from display
- Switches inputs locally and from the remote unit
- Supports Mac, PC, and Linux DVI
- Supports High Resolution 1920x1200 60Hz WUXGA
- Uses universal DVI Single Link connectors
- Zero pixel loss with TMDS signal correction
- Supports all USB 1.1 Devices Transparently (Flash Drives, Printers, Cameras, Scanners, etc.)
- Supports USB 1.1 keyboard and mouse
- Front panel tactile port switch on both the transmitter and receiver

Applications

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



Connecting the RDU-2P

1. Power off all devices.
2. Connect two DVI-D sources to the DVI-D ports of the RDU-2PTX labeled **IN 1** and **IN 2**

3. Connect two USB sources to the USB ports of the the RDU-2PTX labeled **IN 1** and **IN 2**

4. Connect the RDU-2PTX to the the RDU-2PRX with two STP (Sheilded Twisted Pair) cables using the rear ports labeled **<DVI>** and **<USB>**
5. Connect a DVI monitor to the **OUT** port on the rear of the RDU-2PRX.

6. Connect up to 4 USB 1.1 devices to the  ports on the RDU-2PRX.
7. Connect the power supply to the  ports on the RDU-2PTX and RDU-2PRX.
8. Power on the RDU-2P using the front switch.
9. Power on the computers, displays and USB 1.1 devices.

Using the RDU-2P

1. To switch between the two sources, simply press the SELECT button on the front of the RDU-2PTX (locally) or RDU-2PRX (remotely).
2. The selected source will be indicated by the LED lights on the front panel.
3. Activity will be indicated by the LEDs on the front of the RDU-2PRX.

Learning the DDC

1. Disconnect the power from the RDU-2P-TX (Transmitter).
2. Hold down the SELECT button while reconnecting the power.
3. Continue to hold SELECT until both the 1 and 2 LEDs are both illuminated.
4. Release the SELECT button.
5. Use SELECT to alternate between the two DDC modes of the RDU-2PTX. The two DDC learning modes are 1:Learn Screen and 2: Factory Default.
6. When you have selected the desired learning mode, wait 5 seconds for both LEDs to flash.
7. When the LEDs stop flashing, the DDC has been learned.

ABOUT DDC

DDC provides plug-and-play capability to your displays. When you plug a display into your computer, the DDC table in the display tells the computer the optimal resolution to use. In order to preserve this plug-and-play capability, we have integrated DDC learning into all of our DVI Solutions.