DVI / USB / Audio / RS232 Extender

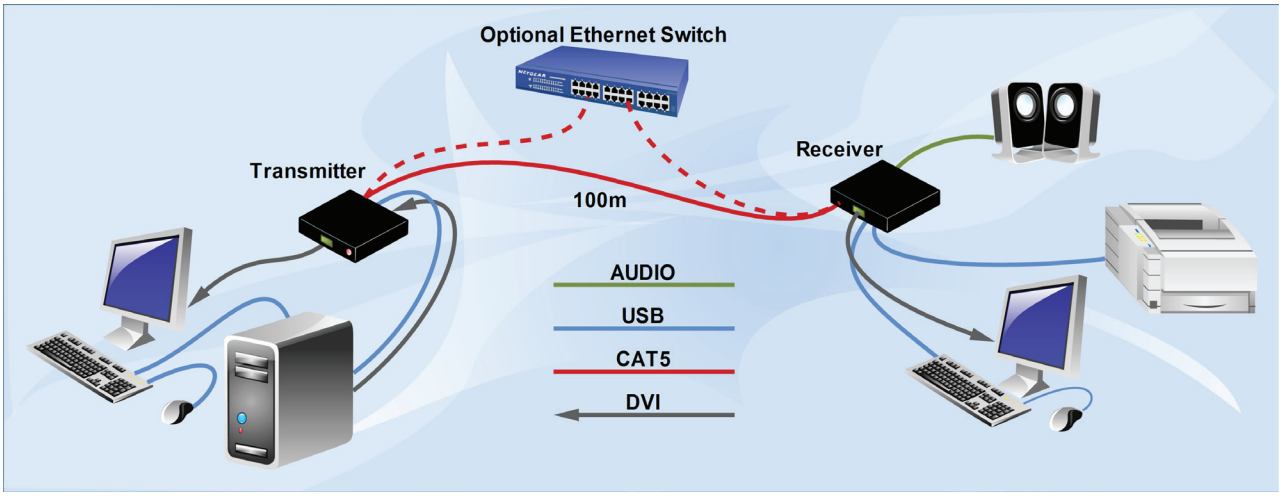
DX130

DVI / USB / Audio / RS232 Over IP Extender

Extender Mode

This DVI / USB / Audio / RS232 extender will allow you to locate your computer or server physically 100m far away from the user due to either security or spatial concerns. It allows the extension of DVI, USB, 2-ch analog audio, RS232 and IR over a Gigabit Local Area Network. It can be used in various environments such as exhibition rooms, working floors, security rooms, locked server rooms, command and control centers, etc.

DX130 includes two different units, a transmitter connected to the computer (DX130-TX) and a remote receiver (DX130-RX) to which the monitor and USB devices are connected. When connected with a single Cat5e or Cat6 cable, these two units establish a Gigabit TCP/IP connection, which has the advantage of allowing well-known robust technologies that work well on 100m CAT5e cables and Gigabit switches.The receiver combines all the USB devices into a single link with an internal USB hub. The transmitter captures the DVI video and sends it to the receiver. Regarding the USB, it shows to the PC a hub and the devices connected to the receiver. The transmitter provides a DVI pass through port mirroring the video received from the PC. Thanks to this port you can use a local monitor in usual conditions.



Main features

- Extension distance up to 100m (330ft) over a single CAT5e or CAT6 UTP cable
- Can connect via a Gigabit Ethernet switch between transmitter and receiver
- 4 x USB 2.0 ports for keyboard, mouse, and other USB 2.0 devices (USB audio, USB key, etc.)
- Extension of RS232 port, analog microphone and speakers, IR remote
- Digital video resolution support up to 1920x1200@60, low latency 17ms
- DVI pass-through Port on transmitter
- Graphic and Movie modes
- Easy installation
- Can be used as Virtual Matrix KVM

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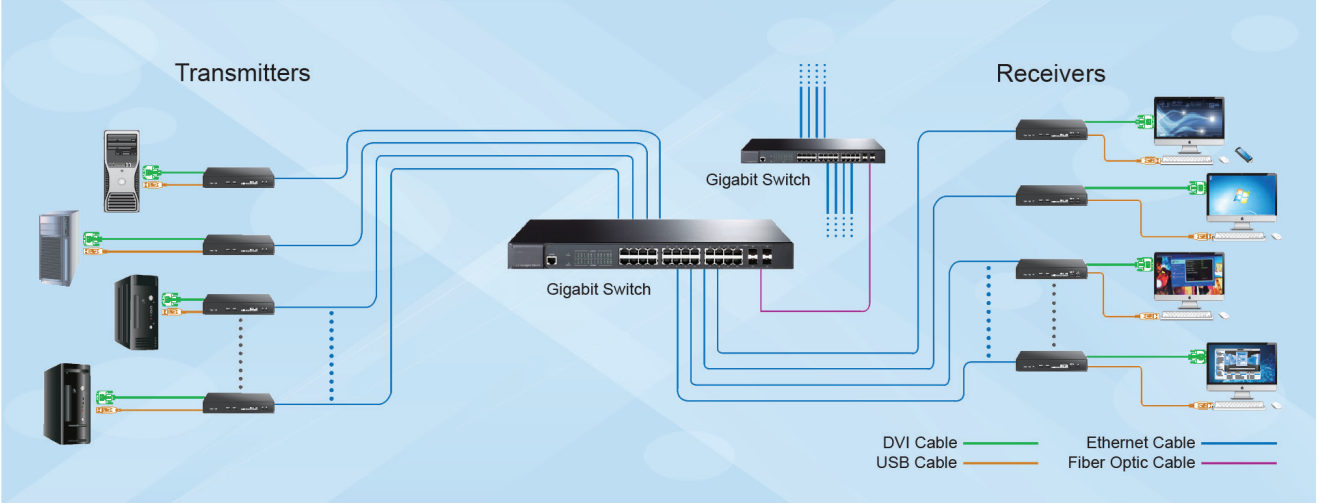
DVI / USB / Audio / RS232 Extender

Distributed KVM Mode

Because each receiver can connect to any transmitter on the Gigabit network, a set of transmitters and receivers behaves like a matrix KVM switch. At the receiver level, a user can select which transmitter on the network he wants to connect to by using OSD menus, exactly the same way as with a conventional monolithic KVM switch.

The transmitter and receiver provide two Ethernet ports with an integrated switch allowing to build limited networks without any Ethernet switch.



DX-130 Technical Specifications

Connection Type	Gigabit Ethernet + TCP/IP, 100 m (330 ft) max
Video	DVI, maximum resolution: 1920 x 1200, latency: 17ms
USB Support	4 x USB 2.0 connectors, fully transparent
Audio/Mic	Stereo CD quality
Video Settings	Two options: Graphic (better for static images) or Video (better for movies)
Transmitter DX130-TX (Computer Side)	 Buttons: Select and Mode Indicators: Power, Link with receiver Microphone in: to microphone Speaker out: to loud speaker  DC 5V: Power Jack 2.1 mm RJ45 x 2: Gigabit Ethernet (Internal Switch) PC connections: DVI-IN, USB type-B, RS232, Microphone out, Speaker in DVI-OUT: to local monitor (pass through) USB type-B (HID): reserved IR-OUT: to IR transmitter
Receiver DX130-RX (Remote Side)	 Indicators: Power, Link with transmitter, a USB device is connected Buttons: Select and Mode USB type-A: Keyboard, Mouse, Device x 2  DC 5V: Power Jack 2.1 mm RJ45 x 2: Gigabit Ethernet (Internal Switch) Microphone in: to microphone Speaker out: to loud speaker IR-IN: to IR receiver RS232: to serial device DVI-OUT: to Monitor
Power Supply	External DC 5V 3A
Temperature	Operation: 0 to 40°C, Storage: -20 to 60°C
Humidity	0 to 90%, non-condensing
Dimensions (L x W x H)	220 x 104 x 44 mm
Weight	Transmitter: 670g, Receiver: 660g
Safety / EMI Certification	FCC, CE