

USB Over Gigabit IP Extender with Local Access

XTENDEX®

Allows Windows PCs to Connect to Four USB Devices on the Same Subnet

- Extends USB cabling distance to 330 feet (100 meters).
- Transfer data over a 1000Base-T Gigabit Network.
 - Will not communicate to another subnet
- Creates systems redundancy and increases security since host PC can be placed in a remote location.
- Access and monitor devices over a TCP/IP connection.
- Simplifies operations and reduces IT support.
- Supports true plug-and-play functionality.
- USB 1.0, 1.1, and 2.0 compatible.
- Acquires IP address via DHCP when plugged in.



XTENDEX® USB-IP-4 (Front & Back)

The XTENDEX® USB Over IP Extender allows Windows PCs to connect to four USB devices on the same subnet, eliminating the need for locally-attached host PCs. Software drivers are loaded onto a host PC or server, enabling remote devices to communicate with the host, without changing existing application software. USB peripheral devices can be centrally managed and monitored from a remote server or PC via the included USB server software..

USB-IP-4 is ideal for retailers – relocating the host PC to a back office or other remote location allows for smaller point-of-sale stations, centralized management, reduced IT support, and instant system redundancy. Kiosk, ATM or pay-at-the-pump manufacturers can eliminate the PC from the enclosure, reducing concerns of extreme changes in temperature or humidity. The USB-IP-4 unit is also useful for restaurant kitchens, access control systems, industrial automation or any environment that is volatile, not secure or where having an on-site PC is not practical.

Specifications

Local USB Devices

- Four female USB Type A connectors.
- Compatible with bulk or interrupt type USB devices.
 - Bar-code scanners, printers, fingerprint scanners, mice, pole displays, card readers, flash drives, external hard drives, etc.
- USB 1.0, 1.1, and 2.0 compatible.
- Data rates up to 12MBps per USB port.
- 500mA downstream power per device.

Local Access

- One female USB Mini Type B connector for direct connection to a PC.
 - Local access and remote LAN connections cannot be simultaneously activated-only one connection can be established at any point in time.

Remote Compatibility

- Compatible with PCs or laptops (Windows XP SP2/Vista/7)
 - Does not support 64-bit operating systems.
- Only one remote PC can be connected to each USB device at a time.

Local Area Network (LAN) Connection

- One female RJ45 connector.
- Supports 10/100/1000 Base-T networks.
 - Will not communicate to another subnet.

Max Distance

- 330 feet (100 meters) over CAT5e/6 cable.

Cables

- Use CAT5e/6 cables to connect the unit to a network switch up to 330 feet (100 meters) away.
- Use USB2-ABM5-xx-MM USB Type A male to USB Mini Type B male cable to connect the unit to a PC for local access.
- Cables not included.

Environmental

- Operating temperature: 32 to 104°F (0 to 40°C).
- Storage temperature: -4 to 140°F (-20 to 60°C).
- Operating and storage relative humidity: 20 to 90% non-condensing RH.

Power

- 100 to 240 VAC at 50 or 60 Hz via AC adapter (country-specific power adapter included).
- Power consumption: 6.2W

Dimensions

- WxDxH in: 4.69x3.46x0.98 (119x88x25 mm).

Regulatory Approvals

- CE, RoHS.

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Configuration and Cable Illustrations

