



Emerald® KVM-over-IP Switchable Extender - LAN, 4-Port, 100m

Add high-speed USB 2.0 support to your Emerald KVM system.

Item #: EMD100USB-T

KVM-over-IP Switchable Extender Transmitter - LAN, (1) USB Type B, (1) RJ45, 4-Port, 100m

PRODUCT FEATURES

- Switch between high-speed USB 2.0 devices over an IP network.
- Supports full-speed USB 2.0 up to 480 Mbps.
- Supports simultaneous USB sharing that improves collaboration.
- Connect to an Emerald KVM system to automatically switch when the target changes.
- Features four USB ports that support USB devices, including USB hubs.

Details

Add USB 2.0 to Your Emerald® Solution

Extend a USB 2.0 connection up to 328 feet (100 meters) over CATx or an Ethernet LAN. This extender can be used in industrial control, factory floor,

classroom, or meeting room applications. The extender supplies up to 600 mA to the downstream USB device and offers reliable operation with USB 1.1 and USB 2.0 devices.

General

Approvals	Regulatory testing: FCC (Class B), CE (Class B), RoHS2 (CE);
Connectors	Local unit: (1) USB Type B, (1) RJ-45; Remote unit: (4) USB Type A, (1) RJ-45
Distance	Direct connect: Up to 328 feet (100 m) over solid-core CAT5e/6/7 cable; Network connect: Up to 328 feet (100 m) over solid-core CAT5e/6/7 cable; (One local to seven remote pairings supported for Simultaneous Users Interaction.)
Enclosure	Black anodized aluminum
Operating Humidity	20 to 80% relative humidity, non-condensing
Operating Temperature	32 to 122° F (0 to 50° C)

Note: One power supply is included for remote unit. Local unit derives power from the USB interface.

Power	Power available to USB device at remote unit: Up to 2.4 A total among the ports, 600 mA at each USB port concurrently, 1 A max. per port when two or less being used
Power Consumption	Local unit: 200 mA maximum; Remote unit: Up to 2.4 A total among the ports; 600 mA at each USB port concurrently, but 1 A max. per port when two or less being used
Power Input	100/240 VAC, 50–60 Hz
Power Output	24 VDC, 1 A
Storage Temperature	-4 to 158° F (-20 to 70° C)