## 4-Port USB 2.0 Ethernet LAN Extender System

The PMD USB 2.0 Ranger 2304-LAN provides the ability to connect USB 2.0 devices to hosts across a Ethernet Local Area Network using existing cabling.
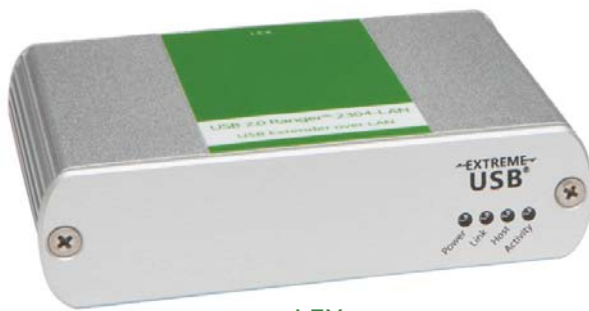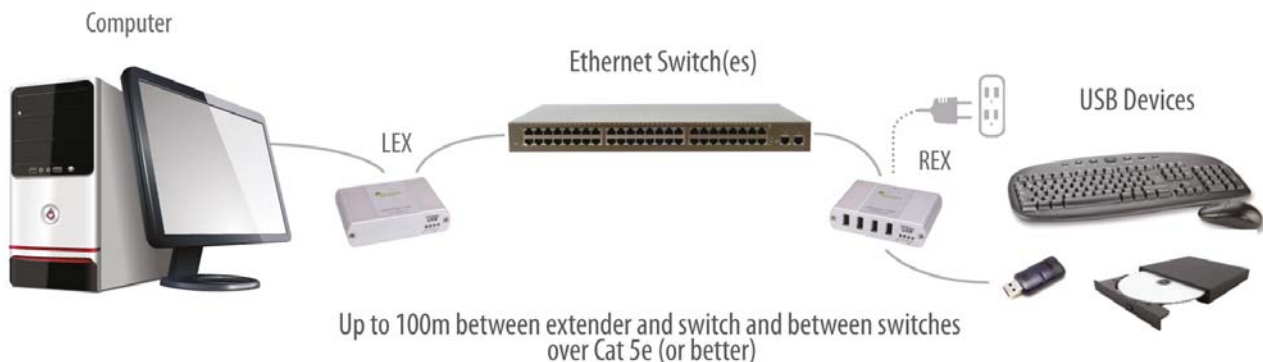


LEX                REX

### FEATURES

The PMD USB Ranger 2304-LAN extends USB 2.0 peripherals such as flash drives, keyboards, mice, and interactive whiteboards across a Local Area Network (LAN) and supports modern USB 3.0 controllers. Isochronous devices (such as webcams) are not supported by the PMD USB Ranger 2304-LAN.

- Extends USB through 100Mbps or 1000Mbps LANs
- USB 2.0 throughput up to 480Mbps*
- Pre-paired networked configuration** for simple installation
- Supplies up to 600mA to each USB port concurrently

Includes the ExtremeUSB® suite of features:

- True plug and play; no software drivers required
- Supports all major operating systems: Windows®, Mac OS X®, and Linux®
- Reliable operation with supported USB devices, and hubs
- Patented USB extension technology



Up to 100m between extender and switch and between switches over Cat 5e (or better)

86341501

# USB 2.0 Ranger® 2304-LAN
## 4-Port USB 2.0 Ethernet LAN Extender System

## APPLICATIONS

- Remote storage
- Video matrix systems
- Interactive whiteboard
- Keyboard and mouse

## SPECIFICATIONS

### RANGE

| | |
|---|---|
| Direct Connect: | Up to 100m (330 ft) over solid core Cat 5e or better |
| Network Connect: | Up to 100m (330 ft) between switches over solid core Cat 5e |

### USB DEVICE SUPPORT

| | |
|---|---|
| Maximum Throughput: | Up to 480Mbps* |
| Traffic Types: | Interrupt, Bulk and Control** |
| Device Types: | HID (Mouse and Keyboard), Hubs, Storage Devices** |

### NETWORKING

| | |
|---|---|
| Standards: | 100BASE-T and 1000BASE-T* |
| Data Traffic: | Layer 2 |

### LEX (LOCAL EXTENDER)

| | |
|---|---|
| USB Connector: | 1 x USB Type B Receptacle |
| Link Connector: | 1 x RJ45 |
| Dimensions: | 100mm x 76mm x 26mm (3.9" x 3.0" x 1.0") |
| Enclosure Material: | Silver Anodized Aluminum |

### REX (REMOTE EXTENDER)

| | |
|---|---|
| USB Connectors: | 4 x USB Type A Receptacles |
| Link Connector: | 1 x RJ45 |
| Dimensions: | 100mm x 76mm x 26mm (3.9" x 3.0" x 1.0") |
| Enclosure Material: | Silver Anodized Aluminum |
| Available Current: | Up to 600mA to each USB port |
| Power Supply: | 100-240V AC input, 1A 24V DC Output |

### ENVIRONMENTAL

| | |
|---|---|
| Operating Temperature: | 0°C to 50°C (32°F to 122°F) |
| Storage Temperature: | -10°C to 60°C (14°F to 140°F) |
| Operating Humidity: | 20% to 80% relative humidity, non-condensing |
| Storage Humidity: | 10% to 90% relative humidity, non-condensing |

### COMPLIANCE

| | |
|---|---|
| EMC: | FCC (Class B), CE (Class B) |
| Environmental: | RoHS2 (CE) |

Specifications subject to change without notification.

EXTREME USB®

## ORDER INFORMATION

The PMD USB Ranger® 2304-LAN system includes a LEX, REX, USB Cable, Quick Start Guide, international power adapter with country specific power cord.

VIDELCO Europe Limited