



USB Ranger® 2224

Multimode Fiber Optic USB 2.0 Extender

Multimode Fiber Optic USB 2.0 Extender

PMD USB Ranger® 2224 extends USB 2.0 beyond the desktop up to 500m over multimode fiber optic cabling using ExtremeUSB® technology.



FEATURES

- Powered by ExtremeUSB®.
- Extends USB 2.0 high-speed and USB 1.1 (low-speed, full speed) devices up to 500m over fiber optics.
- Supports all USB device types: Control, Interrupt, Bulk and Isochronous at up to 480Mbps.
- Operates with USB 2.0 high-speed host controllers and USB 1.1 classic hosts.
- True plug and play, ready to operate right out of the box. No new driver installation required.
- Supports all major operating systems including Windows®, Mac OS®, and Linux®.
- Integrated hub provides four USB 2.0 ports. Number of devices can be increased using additional USB hubs.
- AC power adapter at remote unit provides standard 500mA to each USB port
- Power adapter at local unit is not required for normal operation
- Ideal for a wide variety of USB devices, from printers, scanners, hard drives, and audio devices, to touch screens, web cams, and game controllers.



86341402

Ein Vertriebsprodukt von:

VIDELCO Europe Limited – Professionelle Audio-, Video-, Medien-Technik

Telefon: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu





USB Ranger® 2224

Multimode Fiber Optic USB 2.0 Extender

APPLICATIONS

- Industrial Control
- Digital Signage
- Home Network Integration
- Medical Device Connectivity
- KVM Extension
- Remote Desktop USB Connections
- Security: web camera, access control.
- USB Device Sharing: print, scan, storage.

SPECIFICATIONS

Range	1640 ft (500m) over 50/125µm MMF 902 ft (275m) over 62.5/125µm MMF
LEX unit USB connector	1 x USB Type B
LEX unit Link connector	1 x SFP Duplex LC
REX unit Link connector	1 x SFP Duplex LC
REX unit USB connector	4 x USB Type A
Maximum USB devices supported	14 USB devices or 3 USB hubs with 11 USB devices
Power adapter Maximum Rating	5V DC @ 3A
Current available to USB at REX	4 x 500mA
LEX and REX unit dimensions	3.94" x 2.99" x 1.02" (100 mm x 76 mm x 26 mm)
Operating temperature range	0°C to 50°C
Total system shipping weight	2.0 lbs. (0.9 kilograms)
Regulatory testing	FCC (Class B), IC (Class B), CE (Class B)
ESD Rating	EMC EN-61000-4-2:2001 8kV Contact, 16kV Air

Specifications subject to change without notification.

ORDER INFORMATION

The PMD USB Ranger® 2224 system includes a Local Extender (LEX) module, a Remote Extender (REX) module, a 2 meter USB cable, and an International power adapter with country specific cord.