

# Voyager USB 2.0 Fiber Optic KVM Extender



The Voyager USB 2.0 Fiber Optic KVM Extender extends high-speed USB 2.0 connections up to 500m using multimode or 10Km using singlemode fiber optic cabling.

## Features

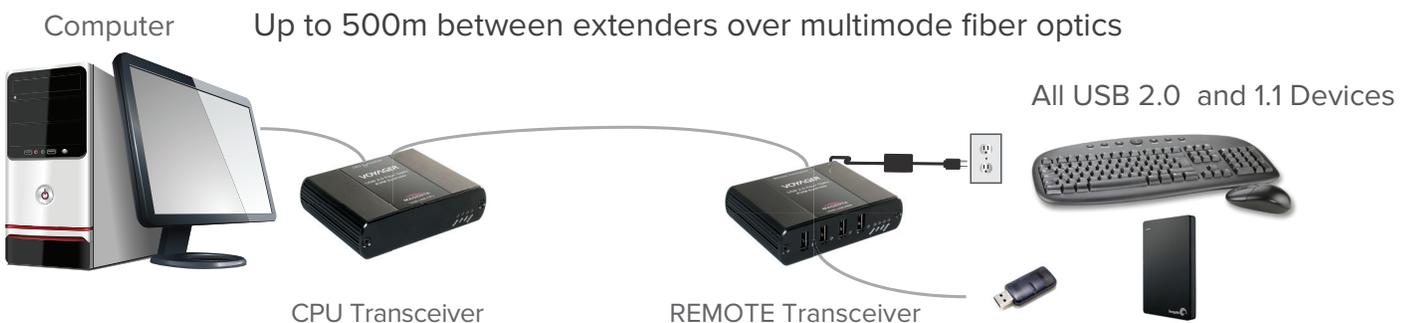
The Voyager USB is ideal for extending USB peripherals including: keyboards, mice, interactive whiteboards, flash drives, hard drives, audio devices, web cameras and any other USB device across a dedicated multimode or singlemode fiber connection. Key features include:

- Supports USB 2.0 throughputs of up to 480Mbps
- Supplies 500mA to each USB port concurrently
- Integrated hub provides ports for four USB devices, use hubs to add more
- Electrical isolation

- Reliable operation with USB 2.0 and 1.1 devices and hubs
- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, Mac OS X®, and Linux®

## Applications

- Medical
- Sensor/data acquisition
- Keyboard and mouse extension
- Industrial Control



\*Singlemode SFP upgrade available for distances up to 10Km



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## SPECIFICATIONS

### RANGE

Direct Connect: Up to 500m (1640 ft) over OM2 or greater  
Up to 275m (902 ft) over OM1  
Up to 10Km (6.2 miles) over OS1 or greater  
\*singlemode SFP upgrade available

### SPEEDS

USB 2.0: Up to 480Mbps  
USB 1.1: Up to 12Mbps

### CPU TRANSCEIVER

USB Connector: 1 x USB Type B Receptacle  
Link Connector: 1x multimode SFP Duplex LC  
\*singlemode available  
Dimensions: 100mm x 76mm x 26mm (3.94" x 2.99" x 1.02")  
Enclosure Material: Black Anodized Aluminum

### REMOTE TRANSCEIVER

USB Connector: 4 x USB Type A Receptacles  
Link Connector: 1x multimode SFP Duplex LC  
\*singlemode available  
Dimensions: 100mm x 76mm x 26mm (3.94" x 2.99" x 1.02")  
Enclosure Material: Black Anodized Aluminum  
Available Current: 500mA to each USB port  
Power Supply: 100-240V AC Input, 3A 5V DC Output

KVM Matrix: This device is fully compatible with Voyager Matrices, VG-Matrix160 and VG-Matrix 48, when used with Simplex I/O cards.

### ENVIRONMENTAL

Operating Temperature: 0°C to 50°C (32°F to 122°F)  
Storage Temperature: -20°C to 70°C (-4°F to 158°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)

### SUPPORT

Warranty: 5-year

Specifications subject to change without notification.

## Ordering Information

The Voyager USB 2.0 Fiber Optic KVM Extender system includes a CPU Transceiver, CPU Transceiver, USB cable, Quick Start Guide, international power adapter with country specific power cord and 2-year warranty.

For more information email [sales.europe@tvone.com](mailto:sales.europe@tvone.com) or call +44 (0)1628 566830.

ITEM NUMBER	MODEL NAME	DESCRIPTION
2350101-01	UDM-USB-CPU	CPU/Local USB Transceiver; One MMF SFP and One USB A to B cable Included – Simplex I/O card required for VG-Matrix support
2350201-01	UDM-USB-REM	Remote USB 4 port hub Transceiver; One MMF SFP and One PSU Included – Simplex I/O card required for VG-Matrix support
2350500-01	UDM-USB-KIT	1 CPU and 1 Remote 4 port hub; Two MM SFP, One PSU and One USB A to B cable included – Simplex I/O Card required for VG-Matrix support
2390015-01	SMF SFP 4km (Dual LC)	Single Mode Fiber SFP Optic (add-on) ; 4km/13,100ft