Voyager USB 2.0 Fiber Optic KVM Extender

REMOTE Transceiver

CPU Transceiver

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.
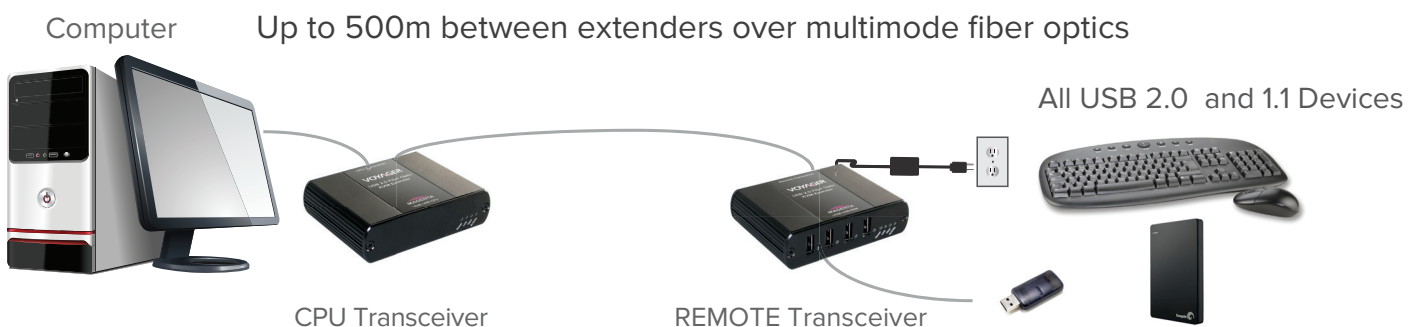
Features

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

Computer   Up to 500m between extenders over multimode fiber optics

All USB 2.0 and 1.1 Devices

CPU Transceiver   REMOTE Transceiver

*Singlemode SFP upgrade available for distances up to 10Km

MAGENTA

SWITCHING ▶ EXTENSION ▶ DISTRIBUTION

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:	2-year

Specifications subject to change without notification.

Ordering Information

The Voyager USB 2.0 Fiber Optic KVM Extender system includes a CPU Transceiver, REM 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 or call +44 (0)1628 566830.

ITEM NUMBER	MODEL NAME	USB Transceivers (Simplex I/O Cards Are Required for VG-Matrix)
2350101-MM	UDM-USB-CPU-MM	Multimode - 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-MM	UDM-USB-REM-MM	Multimode - Remote USB 4 port hub Transceiver; One MMF SFP and One PSU Included – Simplex I/O card required for VG-Matrix support
2350500-MM	UDM-USB-KIT-MM	Multimode - 1 CPU and 1 Remote 4 port hub; Two MMF SFP, One PSU and One USB A to B cable included – Simplex I/O Card required for VG-Matrix support
2350101-SM	UDM-USB-CPU-SM	Singlemode - CPU/Local USB Transceiver; One SMF SFP and One USB A to B cable Included – Simplex I/O card required for VG-Matrix support
2350201-SM	UDM-USB-REM-SM	Singelmode - Remote USB 4 port hub Transceiver; One SMF SFP and One PSU Included – Simplex I/O card required for VG-Matrix support
2350500-SM	UDM-USB-KIT-MM	Singlemode - 1 CPU and 1 Remote 4 port hub; Two SMF SFP, One PSU and One USB A to B cable included – Simplex I/O Card required for VG-Matrix support

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