

## Raptor Optex: Dual Link DVI KVM extender

The Raptor Optex fiber optic extension system is designed for the highest resolution display devices on the market such as 2048x2048, 2560x2048 and 2560x1600. In fact, any devices with single or dual link DVI connections are supported. There is support for USB, keyboard/mouse and serial (RS232) as well as full duplex stereo audio. All signals are digitized and transmitted over three fibers, then transparently restored by the receiver. This Dual-Link DVI extender has a convenient front panel display for determining system link status. All connections are standard so no special cabling is required.

The Raptor Optex fiber optic KVM extender is a feature rich product designed to extend dual-link DVI video and KMAS signals. The video source must be single or dual-link DVI. The product supports USB, PS2, and Sun (legacy) keyboard and mouse, USB tablets, full duplex stereo audio, and serial. The transmitter even has connections for a local DVI display and keyboard/mouse. Three fibers is the most fiber-efficient way of transporting the signals. The system allocates 2 fibers to the dual-link DVI signals and 1 fiber to everything else (KMAS).



### Specifications

Video Resolution (Approx.)	DVI: 2560x2048, 2048x2048, 2560x1600 @ 60Hz (Actually, any DVI single/dual link)
Supply Voltage	100-240VAC, 47-63 Hz Universal AC power supply
Operating temperature	0°-50°C; (32°-122°F)
Humidity	5-95% RH, non-condensing
Physical Dimensions	Rack size: EIA 19"
	Height: 1U-1.75" (8.9cm)
	Width: 17.25" (43.82cm)
	Depth: 14" (35.56cm)

Video (Transmitter)	DVI-D (2)
Video (Receiver)	DVI-D (1)
Audio MIC Right	3.5mm Jack (Transmitter and Receiver)
Audio MIC Left	3.5mm Jack (Transmitter and Receiver)
Audio LINE	3.5mm Jack (Transmitter and Receiver)
Serial Port (Transmitter)	DB9 Female
Serial Port (Receiver)	DB9 Male
USB Keyboard	USB A (Transmitter and Receiver)
USB Mouse	USB A (Transmitter and Receiver)
USB Local Keyboard	USB A (Transmitter)
USB Local Mouse	USB A (Transmitter)
PS2 Keyboard	MiniDIN 6 Female (Transmitter and Receiver)
PS2 Mouse	MiniDIN 6 Female (Transmitter and Receiver)
Sun Keyboard/Mouse	MiniDIN 8 Female (Transmitter and Receiver)
PS2 Local Keyboard	MiniDIN 6 Female (Transmitter)
PS2 Local Mouse	MiniDIN 6 Female (Transmitter)
Sun Local Keyboard/Mouse	MiniDIN 8 Female (Transmitter)
USB Keyboard/Mouse from CPU	USB B (Transmitter)
Download USB	USB B (Transmitter and Receiver)
Fiber Connectors	ST, SC, LC
Optical Cable	three Fiber Multi-Mode 50 micron (available, not supplied)
Distance Range	Up to 1000 meters (3280 feet)
Power Consumption	10 watts per unit
Weight	10lbs. (4.4kg) Shipping Weight: 18lbs. (8.1647kg)
Warranty	12 months from date of shipment
Extended warranties available	

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