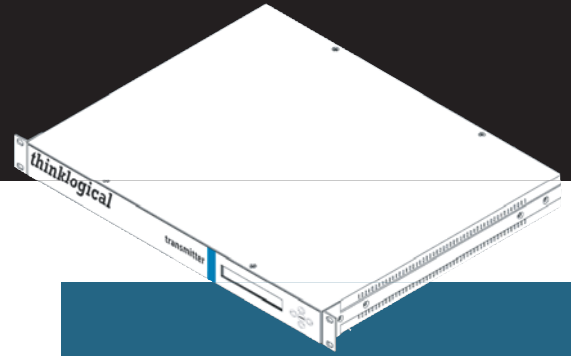




# KVM X-TENDER



## ANALOG OR DIGITAL VIDEO FIBER EXTENSION SYSTEM

**Extend RGB or Digital Video, Keyboard, Mouse, Serial, and Audio Signals up to 1,000 Meters over 2 or 3 Strands of Fiber!**

The PMD Thinklogical™ KVM X-tender is the most flexible desktop extension system on the market! Depending on the model you choose the video can be DVI or RGB and DVI in the same unit. There is support for keyboard/mouse, serial (RS232), stereo audio, and stereo graphics. All signals are digitized and transmitted over 2 or 3 fibers (depending on model), then reconstituted transparently by the receiver. The PMD Thinklogical™ KVM extender has a convenient front panel display and controls for selection of desired video format. All connections are standard so no special cabling is required.

### FEATURES:

#### All Models

- Remote access to entire "desktop" up to 1,000 meters
- No proprietary cabling required- uses standard cabling and connectors
- Requires only 2 or 3 multi-mode fibers depending on model
- Stand alone or rack mountable
- Digital transmission assures signal integrity
- Supports PS2, Sun legacy, and USB keyboard and mouse
- Duplex stereo audio
- BNC for stereo graphics emitter
- Serial port (DB9) supported
- Front panel programmable for unique video formats

#### VIS-1 and VIS-5

- Universal conversions between DVI and analog RGB
- DVI source to DVI or RGB display
- RGB source to DVI or RGB display

#### VIS-1 (RGB/DVI)

- Resolution: DVI- 1600x1200 @ 60Hz
- RGB- 1600x1200 @ 60Hz
- Stereo- 1280x1024 @ 100Hz

Pixel Clock: 165MHz

#### VIS-4 (DVI only)

Resolution: Any single link DVI resolution

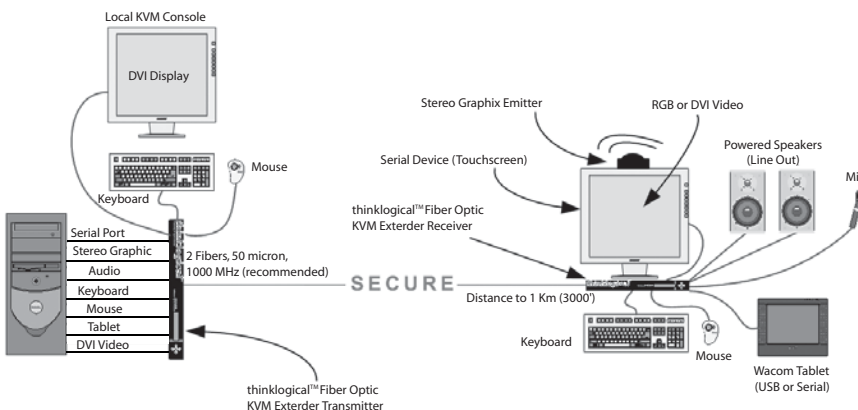
#### VIS-5 (RGB/DVI)

- Resolution: DVI- 1920x1200 @ 65Hz
- RGB- 1920x1200 @ 65Hz
- Stereo- 1400x1050 @ 115Hz

Pixel Clock: 225MHz

#### VIS-8 (Dual-Link DVI)

- Requires 3 Fibers
- Resolution: Up To 3800 X 2400
- Distance Up To 500 Meters



### The First Dual-Link DVI KVM Extender on the Market!

Now Dual-Link DVI can be extended up to 500 meters over 3 fibers.

### Replace Your Current Extenders and Add Users Without Adding More Fiber!

If you are currently using fiber to extend your desktop signals you may be using four or more fibers per link. Replacing your present extension systems with PMD Thinklogical™ KVM extenders may allow you to increase your number of users without increasing your fiber infrastructure, saving you time and money!

Distributor / Vertrieb:

**VIDELCO** – Professionelle Audio- Video- Medien-Technik!  
Tel.: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu





**SPECIFICATIONS**

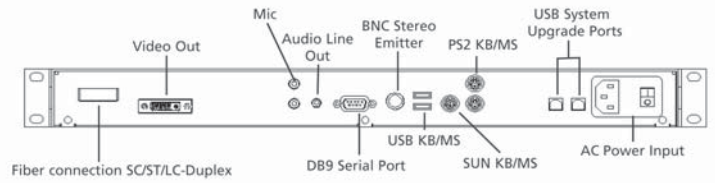
Power Requirements	AC input: 100-240VAC, 47-63 Hz Universal AC power supply
Operating Temperature (convection)	0°- 50° C (32°-122° F)
Humidity	5-95% RH, non-condensing
Physical Dimensions	Rack Size: EIA 19", Height: 1U-1.75" (8.9cm) Width: 17.25" (43.82cm), Depth: 15" (38.1cm)
Weight	10lbs. (4.56kg) Shipping Weight: 18lbs. (8.1647kg)
Warranty	12 months from date of purchase Extended warranties available

**Ordering Information**

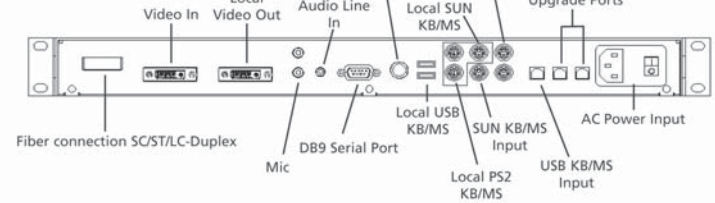
VIS-000001 KVM X-tender analog/digital system pair	VIS-000005 KVM X-tender analog/digital system pair
VIS-000001-RX KVM X-tender analog/digital receiver	VIS-000005-RX KVM X-tender analog/digital receiver
VIS-000001-Tx KVM X-tender analog/digital transmitter	VIS-000005-TX KVM X-tender analog/digital transmitter
VIS-000004 KVM X-tender DVI system pair	VIS-000008 KVM X-tender dual-link DVI system pair
VIS-000004-RX KVM X-tender DVI receiver	VIS-000008-RX KVM X-tender dual-link DVI receiver
VIS-000004-TX KVM X-tender DVI transmitter	VIS-000008-TX KVM X-tender dual-link DVI transmitter

Specify fiber connector type when ordering: SC, ST, or LC

**RECEIVER**



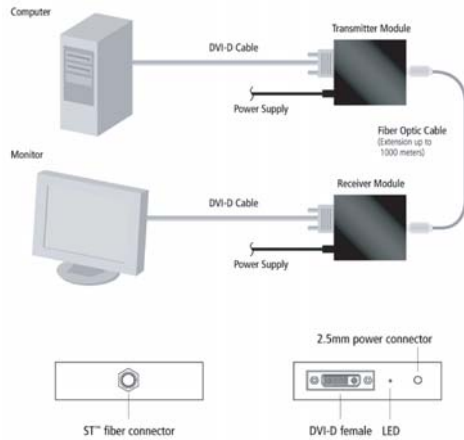
**TRANSMITTER**



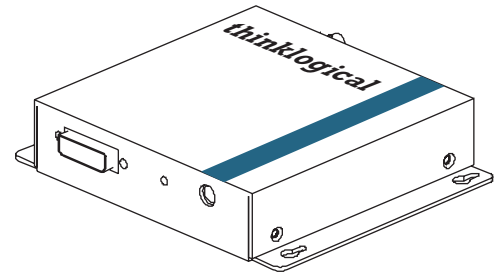
**KVM X-TENDER**

**DVI X-TENDER  
FIBER EXTENSION SYSTEM**

The DVI X-tender from PMD Thinklogical permits the placement of a digital monitor or projector up to 1,000 meters (3,280 feet) away from the controlling computer without loss of resolution. Each DVI extender system consists of a pair of electronic units connected by a single strand multi-mode fiber optic cable. Installation is plug-and-play, no adjustments are necessary.



**EXTEND DIGITAL VIDEO SIGNALS UP TO  
1000 METERS OVER A SINGLE FIBER!**



**FEATURES:**

- Extend digital video signals up to 1,000 meters (3,280 feet)
- Full DDC2B compliant
- Supports any resolution that can be transmitted in a single link
- Small form factor
- Signal transmission via fiber optic cable - no RF interference
- Utilizes standard single fiber multi-mode cable, either 50 or 62.5 micron
- Class 1 laser product

**SPECIFICATIONS**

Supply Voltage	+ 5.0 V DC
Electrical Cable to Computer	2 meter DVI-D male to male (supplied)
Electrical Cable to Monitor	1 meter DVI-D male to male (supplied)
Connectors	Receiver: DVI-D female (1), ST™ fiber connector (1), 2.5mm power connector Transmitter: DVI-D female (1), ST™ fiber connector (1), 2.5mm power connector
Display Data Channel	Full DDC2B compliant
Optical Cable	Single Fiber Multi-Mode 50 or 62.5 micron (available, not supplied)
Total Extension	Reach to 1000 meters (3280 feet)
DC Adapter	One external AC/DC adapter for each module, universal input 90-264 VAC (2 supplied)
Power Consumption	3 watts per unit
Warranty	12 months from date of purchase Extended warranties available

Ordering Information:  
VIS-000003 DVI X-tender Fiber Extension System  
PWR-000004 Power Supply, 5 Volt Global Universal Adapter (spare)

Distributor / Vertrieb:

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