

Let's connect! KVM can be so simple
kvm-tec



smartline

DVI-D/USB 2.0 KVM Extender
Resolution 1920x1200@60 Hz
Max. distance 150 m/492ft in copper
Full HD videos in real time
USB 2.0 transparent- in house development
Only one CAT5e/6/7 cable for USB and video
USB save feature
Can be used in the Matrix Switching System up to 48 endpoints
Automatic Plug & Play installation

www.kvm-tec.com

The highly optimized KVM Extender over IP has a range of 150m/492ft at a resolution of 1920x1200@60 Hz and is available in copper as single version. The perfect combination of kvm-tec video compression with a low latency time enables a delay-free transmission of the signals. USB and video is transmitted via CAT5e/6/7 cable. Due to the DVI extension without any delay full HD videos can be transmitted in real time. The transparent USB 2.0 interface supports in the standard version tablets and touchscreens, soundmodules, printer and much more. USB upgrade is available for memory sticks and USB hard drives. High reliability and robust design make the low-cost kvm-tec Extender ideal for many applications. The kvm-tec feature „USB save“ prevents the intrusion of viruses via the USB interface by deactivating mass storage devices The SVX Extender can be integrated into a Matrix Switching System up to 48 endpoints in conjunction with a standard network switch.

DVI extension without loss of quality
Ultra compact up to 4 extenders in 19" RU
Local (CPU) / remote (CON) Monitor output
Firmware Flash Upgrade without cable
Transmission rate max 480 Mbit/s
Ultra compact up to 4 single Extender in 19" 1RU
Sound and RS232 externally expandable via USB
Warranty 2 years, warranty extension to 5 years possible

kvm-tec = C⁴



kvm-tec upgrades

pre-installed & upgradeable with code

- **Matrix Switching System up to 48 endpoints**
- **USB Memory**

6501L Local CPU unit

6501R Remote CON unit



CONNECT kvm-tec Extender in Matrix Switching Systems and you can go up to 2000 endpoints and have a super fast switching. You can connect a wide range of different sources (servers, operator workstation, PC, surveillance cameras, video walls and much more) and operate & control the system with centralized management

Network Environment; 1 or 10 Gbit bandwidth
IGMP Snooping (for videosharing)



COLLABORATE with standard network components. kvm-tec Extender are compatible with standard network components and all kvm-tec Extender can collaborate in real time with 60Hz in full HD or 4K resolution



COMMUNICATE in your Switching System with our kvm-tec Switching Manager Software. The local and remote Extender are arranged in an optimized way and the Extender status is highlighted in color. With the kvm-tec Systems computers and servers can be located away from work desk into central server room for a high security level. The environment heat and noise are reduced at the work station and an ergonomic and quiet workplace for all users is possible



CONTROL your application in a much better way with all our in-house developments, like USB 2.0 transmission, video compression without latency, only one cable for USB and video transmission, zero latency. With our unique features each user can access multiple PC sources and can control and operate up to 16 screens with one mouse & keyboard. Video sharing can be done seamless and a central video wall can be integrated for sharing all informations in real time

kvm-tec = C⁴

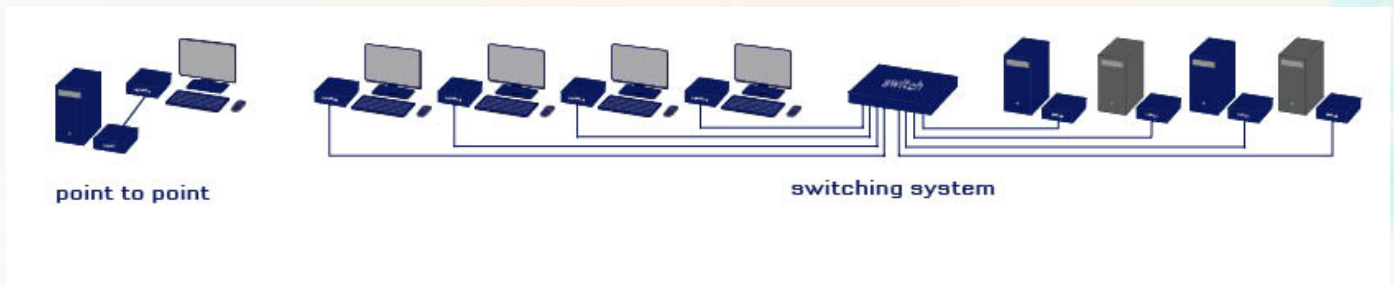


Technical Specifications

		SVX1 Local/CPU	SVX1 Remote/CON
Interfaces	Video	1 x DVI-D 1 x DVI-D out	1 x DVI-D out
	USB 2.0	1 x USB-B to PC	4 x USB-A (devices)
Video	Signal type: Resolution (digital): Color mode:	DVI-D max. 1920x1200 @ 60Hz 24bit	DVI-D max. 1920x1200 @ 60Hz 24bit
USB	Specification: Type: Rate:	USB 2.0 transparent max. 480 Mbit/s mass storage & camera optional	USB 2.0 transparent max. 480 Mbit/s mass storage & camera optional
Casing	Material	anodized aluminum	anodized aluminum
	Dimension (W x H x D) Weight Shipment weight SET 1,45 kg/3,19lb	97.5 x 40 x 103.5 mm 3,83x1,57x4,08 inch 302g/0,60 lb for shipment 0,75kg/1.65lb	97.5 x 40 x 103.5 mm 3,83 x 1,57 x 4,08inch 291g/0,64 lb for shipment 0,70kg/ 1,54 lb
Power supply	Type	external power supply 12 VDC 1A	external power supply 12 VDC 1A
Power input	Operation	6W	6W without USB devices
Operation environment	Temperature Humidity	0 to +45 °C /32 to 113 °F < 80%, non- condensing	0 to +45 °C /32 to 113 °F < 80%, non condensing
Storage environment	Temperature Humidity	-25 to 80 °C /-13 to 176 °F < 80%, non condensing	-25 to 80 °C -13 to 176 °F < 80%, non condensing
Cooling		free air convection	free air convection
MTBF		82.820 calculated hours approx 10 years	82.820 calculated hours approx 10 years
Conformity		CE, FCC	CE, FCC
Warranty		2 years (5 years optional)	2 years (5 years optional)
Delivery included	Devices	1 x SVX 1 local (CPU)	1 x SVX1 remote (CON)
	Power supply	1 x wall power supply 12V 1A EU-plug or INT Plug	1 x wall power supply 12V 1A (EU-plug) or INT plug
	Cables	1 x DVI cable 1,8m/5,9ft 1 x USB cable 1,8m/ 5,9 ft	1 x DVI cable 1,8m/5,9ft
	Mounting	4 x rubber feet	4 x rubber feet
	Manual	Quickinstallation manual download: www.kvm-tec.com	

Part Number & Short description

Part No.	Order No.	short description
6501 6501L 6501R	SVX1 SVX1L SVX1R	Smartline Extender Single – Set <i>UPC 051497031848</i> Smartline Extender Single –Local Unit /CPU <i>UPC 051497031626</i> Smartline Extender Single –Remote Unit /CON <i>UPC 051497031633</i>
6138 6133	SVX1-MO SVX1SWO	SVX1 USB memory upgrade SVX1 Switching upgrade (switching over OSD menu)
4002	KVM-SM48	UPC051497031824 The intelligent software - kvm-tec Switching Manager enables convenient and intuitive management of KVM extenders in the switching system.
9003 9002	GV5JU GV5J	warranty extension to 5 years per UNIT warranty extension to 5 years per SET
ADD-ONS 6130 6131	RMK-F RMK-FN	Rack Mounting Kit with front panel <i>UPC 051497031718</i> Rack Mounting Kit with front panel and power supply <i>UPC 051497031732</i>
6132	RMK-FRN	Rack Mounting Kit with front panel and red. Power supply <i>UPC 051497031749</i>
6135 6136 6736	UMK TSB VH	Mounting Kit for under the table Din Rail Mounting 6136 Vesa Mounting



point to point max. distance 150m/492ft in copper

Switching System optional up to 48 endpoints