

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



smart

linedual

www.kvm-tec.com

The highly optimized KVM Extender over IP has a range of 150m / 492ft at a resolution of 1920x1200@60Hz and is available in copper as dual version. The perfect tuning of kvm-tec video compression with a low latency time enables a delay-free transmission of the signals. USB and video is transmitted via two CAT5e/6/7 cables and the DVI extension allows full HD video to be transmitted in real time without loss of quality.

The transparent USB 2.0 interface already supports tablets and touch screens, sound modules, printers and much more in the standard version. 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. With the Switching upgrade the SVX2 can be integrated with standard network components to a Matrix Switching System up to 48 endpoints

DUAL DVI-D /USB 2.0 Extender over IP
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 two CAT5e/6/7 cable for USB and video
Can be used in the Matrix Switching System up to 48 endpoints

USB save feature

Automatic Plug & Play installation

DVI extension without loss of quality

Ultra compact up to 2 Dual Extender in 19" 1RU

Local/CPU - Remote/CON Monitor output

Firmware Flash Upgrade without cable

Transmission rate max 480 Mbit/s

Sound and RS232 externally expandable via USB

Warranty 2 years, warranty extension to 5 years possible

kvm-tec = C⁴



kvm-tec upgrades

already installed and unlockable with code

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

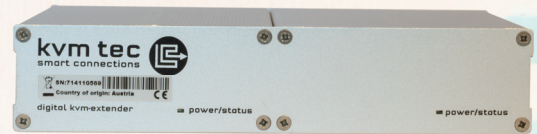
SMARTLINE SVX2

Part No.: 6502

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6502L Local CPU unit

6502R 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

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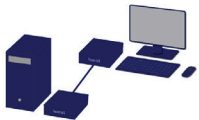
connect collaborate communicate control

Technical Specifications

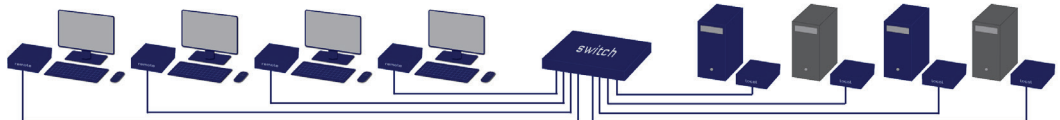
		SVX2 Local/CPU	SVX2 Remote/CON
Interfaces	Video	2 x DVI-D 2 x DVI-D out	2 x DVI-D out
	USB 2.0	1 x USB-B to PC	4 x USB-A (devices)
Video	Signal type: resolution (digital): Color mode:	DVI-D max. 1920x1200 @ 60Hz 24bit	DVI-D max. 1920x1200 @ 60Hz 24bit
USB	Spezifikation: Type: Rate:	USB 2.0 transparent max. 480 Mbit/s mass storage & camera optional	USB 2.0 transparent max. 480 Mbit/s mass storage & camera optional
Casing	Material Dimension (w x H x D) Weight Shipping weight SET 2,45 kg/4,96 lb	anodized aluminum 198 x 40 x 103,5 mm 7,79 x 1,57 x 4,07 inch 604 g / 1,33 lb shipment weight 0,70kg/2,75 lb	anodized aluminum 198 x 40 x 103,5 mm 7,79 x 1,57 x 4,07 inch 582g/ 1,28 lb shipment weight 1,20 kg/ 2,64 lb
Power supply	Type	external power supply 12 VDC 2A	external power supply 12 VDC 2A
Power input	Operation	12W	12W 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 content	Devices	1 x SVX 2 local (CPU)	1 x SVX2 remote (CON)
	Power supply	1 x wall power supply 12V 2A EU-plug or INT Plug	1 x wall power supply 12V 2A (EU-plug) oplug
	Cables	2 x DVI cable 1,8m/5,9ft 2 x USB cable 1,8m/ 5,9 ft	2 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
6502 6502L 6502R	SVX2 SVX2L SVX2R	Smartline Extender Dual – Set Smartline Extender Dual –Local Unit /CPU <i>UPC 051497031640</i> Smartline Extender Dual –Remote Unit /CON <i>UPC 051497031657</i>
6139 6133	SVX2-MO SVX2-SWO	SVX2 USB Memory upgrade SVX2 Swtiching 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	RMK-F	Rack Mounting Kit with front panel <i>UPC 051497031718</i>
6131	RMK-FN	Rack Mounting Kit with front panel and power supply <i>UPC 051497031732</i>
6132	RMK-FRN	Rack Mounting Kit wit 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 Vesa Mounting



point to point



switching system

max. distance 150m/492 ft in copper

Switching System optional up to 48 endpoints