

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



smart

linedual

**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**

[www.kvm-tec.com](http://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

**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 = C<sup>4</sup>*



### kvm-tec upgrades

already installed and unlockable with code

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

## 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

kvm-tec = C<sup>4</sup>

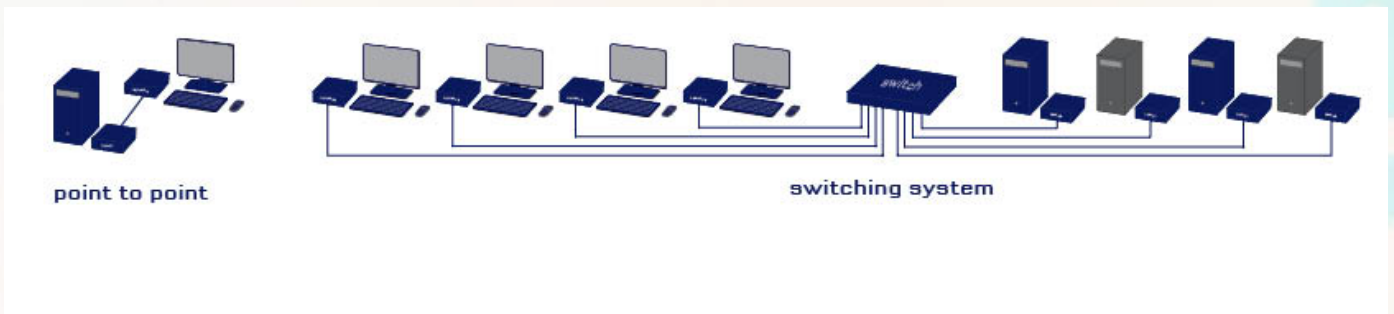


## Technical Specifications

		SVX2 Local/CPU	SVX2 Remote/CON
<b>Interfaces</b>	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)
<b>Video</b>	Signal type:	DVI-D	DVI-D
	resolution (digital): Color mode:	max. 1920x1200 @ 60Hz 24bit	max. 1920x1200 @ 60Hz 24bit
<b>USB</b>	Spezification:	USB 2.0	USB 2.0
	Type: Rate:	transparent max. 480 Mbit/s mass storage & camera optional	transparent max. 480 Mbit/s mass storage & camera optional
<b>Casing</b>	Material	anodized aluminum	anodized aluminum
	Dimension (w x H x D) Weight Shipping weight SET 2,45 kg/4,96 lb	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	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
<b>Power supply</b>	Type	external power supply 12 VDC 2A	external power supply 12 VDC 2A
<b>Power input</b>	Operation	12W	12W without USB devices
<b>Operation environment</b>	Temperature	0 to +45 °C /32 to 113 °F	0 to +45 °C /32 to 113 °F
	Humidity	< 80%, non- condensing	< 80%, non condensing
<b>Storage environment</b>	Temperature	-25 to 80 °C /-13 to 176 °F	-25 to 80 °C /-13 to 176 °F
	Humidity	< 80%, non condensing	< 80%, non condensing
<b>Cooling</b>		free air convection	free air convection
<b>MTBF</b>		82.820 calculated hours approx 10 years	82.820 calculated hours approx 10 years
<b>Conformity</b>		CE, FCC	CE, FCC
<b>Warranty</b>		2 years (5 years optional)	2 years (5 years optional)
<b>Delivery content</b>	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



max. distance 150m/492 ft in copper

Switching System optional up to 48 endpoints