

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



# smart line

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

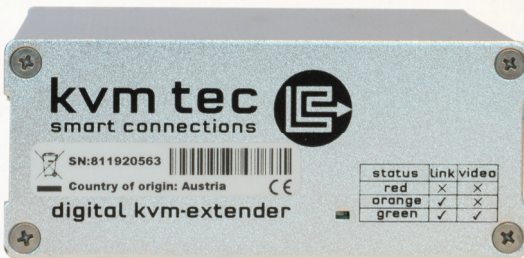
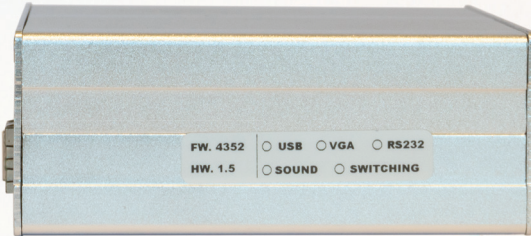


## kvm-tec upgrades

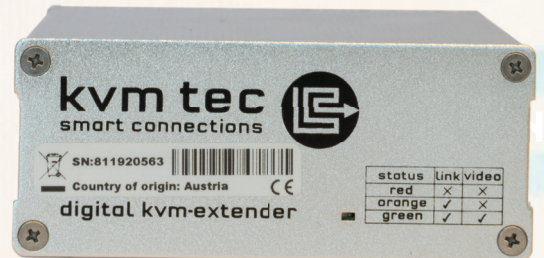
*pre-installed & upgradeable with code*

- 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

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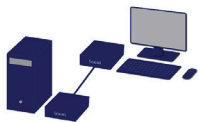
connect collaborate communicate control

## Technical Specifications

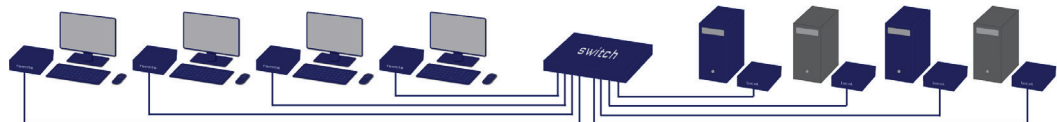
		SVX1 Local/CPU	SVX1 Remote/CON
<b>Interfaces</b>	Video	1 x DVI-D 1 x DVI-D out	1 x DVI-D out
	USB 2.0	1 x USB-B to PC	4 x USB-A (devices)
<b>Video</b>	Signal type: Resolution (digital): Color mode:	DVI-D max. 1920x1200 @ 60Hz 24bit	DVI-D max. 1920x1200 @ 60Hz 24bit
<b>USB</b>	Specification: Type: Rate:	USB 2.0 transparent max. 480 Mbit/s mass storage & camera optional	USB 2.0 transparent max. 480 Mbit/s mass storage & camera optional
<b>Casing</b>	Material Dimension (W x H x D)  Weight Shipment weight SET 1,45 kg/3,19lb	anodized aluminum 97.5 x 40 x 103.5 mm 3,83x1,57x4,08 inch 302g/0,60 lb for shipment 0,75kg/1.65lb	anodized aluminum 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
<b>Power supply</b>	Type	external power supply 12 VDC 1A	external power supply 12 VDC 1A
<b>Power input</b>	Operation	6W	6W without USB devices
<b>Operation environment</b>	Temperature Humidity	0 to +45 °C /32 to 113 °F < 80%, non- condensing	0 to +45 °C /32 to 113 °F < 80%, non condensing
<b>Storage environment</b>	Temperature Humidity	-25 to 80 °C /-13 to 176 °F < 80%, non condensing	-25 to 80 °C -13 to 176 °F < 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 included</b>	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: <a href="http://www.kvm-tec.com">www.kvm-tec.com</a>	

### 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
<b>ADD-ONS</b> 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



switching system

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

Switching System optional up to 48 endpoints