

Let's connect!
KVM can be so simple



... FLEXline

kvm-tec customized System

SMARTflex is the smart starter product from FLEXline the clever customized KVM System from kvm-tec. All FLEXline Extender have an ultra slim casing, are available in a single and dual version, have embedded sound are compatible with standard network components and are delivered with kvm-tec Switching Manager Software

Flexline saves space in a Rack.

4 single or 4 dual Extender in 1RU.

USB2.0 in house development

USB save feature, USB Emulation Mode & USB Sharing

smart flex



www.kvm-tec.com

SMARTflex single in copper

SMARTflex single is a highly optimized KVM Extender over IP and covers a range of 150m/492ft at a resolution of 1920x1200@60Hz and is available in copper as single version. For point to point connection or in Matrix Switching Systems up to 100 endpoints. Included kvm-tec Switching Manager Software - switch up@work- for intuitiv management in the Switching System.

The perfect tuning of kvm-tec video compression with a low latency (< 5ms) allows signals to be transmitted without delay. USB and video are transmitted via CAT5e/6/7 cable.

The in-house developed transparent USB 2.0 interface supports supports USB devices like tablets, touch screens, sound modules, printers. The USB upgrade supports USB sticks and USB hard drives. The kvm-tec „USB save“ function prevents virus intrusion via the USB interface by disabling mass storage devices. USB memory upgrade is preinstalled and unlockable

... smart connections

DVI-D/ USB2.0 Extender over IP
 single in copper

max resolution 1920 x 1200 @60 Hz

max distance 150m/492ft

only one cable for USB and Video
 Sound embedded

full HD videos in real time

USB transmission rate max 480Mbit/s

firmware flash upgrade without cable

DVI extension without loss of quality

Local/CPU - remote/CON Monitoroutput

4 Single SMARTflex in 1 RU

freeze last image feature

PoE Version (Switch supports PoE)

also suitable for 24V systems

kvm-tec = C⁴



6011L Local CPU unit

6011R 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

$$kvm-tec = C^4$$



connect collaborate communicate control



Technical Specifications

		SV1 Local/CPU	SV1 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)
	Audio		
Audio	Type Bandwith	embedded 16bit, 44kHz, 2 ch	embedded 16bit, 44kHz, 2 ch 32 Ohm
Video	Signal type: resolution (digital): Color mode:	DVI-D max. 1920x1200 @ 60Hz 24bit	DVI-D max. 1920x1200 @ 60Hz 24bit
USB	Spezification: 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
Case & weight	Material Dimension (w x H x D) Weight Shipping weight SET 1895 g /4.17 lb	anodized aluminum 108 x 43 x 107,5 mm 4.25 x 1.69 x 4,23 inch 295 g / 0.65 lb shipment weight 1005g/2,21 lb	anodized aluminum 108 x 43 107,5 mm 4.25 x 1.69 x 4.29 inch 295 g/ 0.65 lb shipment weight 890 g/ 1.96lb
Power supply	Type	external power supply 12 VDC 1A max 35 V	external power supply 12 VDC 1A max 35 V
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 content	Devices	1 x SV local (CPU)	1 x SV 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)
	Cables	1 x DVI - DVI cable 1,8m/5,9ft 1 x USB cable 1,8m/ 5,9 ft	
	Mounting	4 x rubber feet	4 x rubber feet
	Manual	Quickinstallation manual download: www.kvm-tec.com	

smart

Part No.: 6011

flex



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Part Number & Short Description

Part No.	Order No.	Short description
6011	SV1	Smartflex Extender Single – Set EAN 0798190109046 UPC 051497112820
6011L	SV1L	Smartflex Extender Single –Local Unit /CPU EAN 0798190109053 UPC 051497112837
6011R	SV1R	Smartflex Extender Single –Remote Unit /CON EAN 0798190109060 UPC 051497112844
6047	SV-MO	SMARTflex memory upgrade EAN 0798190109497 UPC 051497113278
6033	POE-Set	FLEXline POE Upgrade Set EAN 0798190109626 UPC 051497113407
6034	POE-Unit	FLEXline POE Upgrade Unit EAN 0798190109633 UPC 051497113414
9003	GV5JU	Warranty extension to 5 years per UINIT
9002	GV5J	Warranty extension to 5 years per SET
ADD-ONS		
6231	UMK-FLEX	Rack Mounting Kit for under the table for FLEXline EAN 0798190109466 UPC 051497113247
6232	RMK-FLEX-F	Rack Mounting Kit with front panel for FLEXline EAN 0798190109473 UPC 051497113254
6233	RMK-FLEX-FN	Rack Mounting Kit with front panel and Power supply EAN 0798190109480 UPC 051497113261
6234	RMK-FLEX	Rack Mounting Kit with front panel and redundant Power supply for FLEXline EAN 0798190109503 UPC 051497113285
6235	DINMK-FLEX	Din Rail Mounting for FLEXline EAN 0798190109510 UPC 051497113292
6236	VH -FLEX	Vesa Mounting Kit for Flexline EAN 0798190109527 UPC 051497113308



point to point



switching system

max. distance 150m/492 ft in copper

Switching System up to 100 endpoints