

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 and 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 dual in copper

SMARTflex dual 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 dual 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 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 sceens, 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
dual in copper

max resolution 1920 x 1200 @60 Hz

max distance 150m/492ft

only one cable for USB and two cables
for 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 Monitor Out-
put

4 dual SMARTflex in 1 RU

freeze last image feature

PoE Version (Switch supports PoE)

also suitable for 24V systems

kvm-tec = C⁴



connect collaborate communicate control

smart

Part No.: 6021

flex



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6021L Local CPU unit

6021R 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



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Technical Specifications

		SV2 Local/CPU	SV2 Remote/CON
Interfaces	Video USB 2.0 Audio	2 x DVI-D 1 x USB-B to PC	2 x DVI-D out 4 x USB-A (devices)
Audio	Type Bandwith	embedded 16bit, 44kHz, 2 ch	embedded 16bit, 44kHz, 2 ch
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
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 x 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	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 Power supply Cables Mounting Manual	1 x SVf2 local (CPU) 1 x wall power supply 12V 1A EU-plug or INT Plug 2 x DVI - DVII cable 1,8m/5,9ft 1 x USB cable 1,8m/ 5,9 ft 4 x rubber feet Quickinstallation manual download: www.kvm-tec.com	1 x SV2 remote (CON) 1 x wall power supply12V 1A (EU- plug) 4 x rubber feet



Part Number & Short Description

Part No.	Order No.	Short description
6021	SV2	Smartflex Extender Dual – Set EAN 0798190109077 UPC 051497112851
6021L	SV2L	Smartflex Extender Dual –Local Unit /CPU EAN 0798190109084 UPC 051497112868
6021R	SV2R	Smartflex Extender Dual –Remote Unit /CON EAN 0798190109091 UPC 051497112875
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