

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

... FLEXline

kvm-tec customized System

USBflex is the active USB extension from FLEXline the clever customized KVM System from kvm-tec. All FLEXline Extender have an ultra slim casing, are available in a single version, have embedded sound are compatible with standard network components and are delivered with kvm-tec Switching Manager Software Flexline saves you space in a Rack. 4 single or 4 dual Extender in 1RU.



USB flex

USBflex copper

USBflex Extender over IP is the active extension for USB 2.0 high speed signals and has a range of 150m/492 ft. in copper as single version available.

The in-house developed transparent USB 2.0 interface supports USB devices like tablets, touch screens, sound modules, printers, USB sticks and USB hard drives.

The kvm-tec „USB save“ function prevents virus intrusion via the USB interface by disabling mass storage devices.

The USBflex Extender can be integrated into a matrix switching system up to 1000 endpoints in conjunction with a standard network switch. With the included Switching Manager software, convenient and intuitive management of KVM extenders in the switching system is possible

... smart connections

USB2.0 Extender over IP

single in copper

max distance 150m/492ft in copper

USB transmission rate max 480Mbit/s

firmware flash upgrade without cable

automatic plug & play installation

PoE Version (Switch supports PoE) for devices in copper

also suitable for 24V systems

kvm-tec = C⁴



USB

Part No.: 6031

flex



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

USB

Part No.: 6031

flex



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

6031L Local CPU unit

6031R Remote CON unit

Technical Specifications



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 camers, video walls and much more) and operate & control the system with centralized management

Network Environemt; 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



		USBflex Local/CPU	USBflex Remote/CON
Interfaces	USB 2.0	1 x USB-B to PC	4 x USB-A (devices)
USB	Specification: Type: Rate:	USB 2.0 transparent max. 480 Mbit/s Mass storage & camera	USB 2.0 transparent max. 480 Mbit/s Mass storage & camera
Casing	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 4,23 inch 295 g / 0.65 lb shipment weight 890gg/1.96 lb
Power supply	Type	wall power supply 12 VDC 1A max 35V	wall power supply 12 VDC 1A max 35V
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 bis 80 °C /-32 to 113F < 80%, non condensing	-25 bis 80 °C /-13 to 113F < 80%, non condensing
Cooling		Free air convection	Free air convection
MTBF		82.820 calc hours approx. 10 years	82.820 calc 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 USB X local (CPU)	1 x USB X remote (CON)
	Power supply	1 x power supply 12V 1A (EU-plug) or INT plug	1 x power supply 12V 1A (EU-plug)
	Cable	1 x USB cable 1,8m/5,9ft	4 x rubber feett
	Mounting	4 x rubber feet	
	Manual	Quickinstruction	

kvm-tec electronic gmbh - 2523 Tattendorf - Gewerbehark Mitterfeld 1A - Austria
phone +43-2253 81 912 - email sales@kvm-tec.com
kvm-tec Inc. USA Sales p+1 213 631 3663 & +43 225381912-22
email: officeusa@kvm-tec.com
kvm-tec ASIA-PACIFIC Sales p +9173573 20204 email: sales.apac@kvm-tec.com
kvm-tec China Sales - P + 86 1360 122 8145 email: chinasales@kvm-tec.com

USB

Part No.: 6031

flex

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

Part Number & Short Description

Part No.	Order No.	Short description
6031	UB1	USBflex UB-Flex – Set EAN 0798190109404 UPC 051497113186
6031L	UB1L	USBflex UB-Flex – Local Unit /CPU EAN 0798190109411 UPC 051497113193
6031R	UB1R	USBflex UB-Flex – Remote Unit /CON EAN 0798190109428 UPC 051497113209
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

kvm-tec electronic gmbh – 2523 Tattendorf – Gewerbepark Mitterfeld 1A – Austria
 phone +43-2253 81 912 – email sales@kvm-tec.com
kvm-tec Inc. USA Sales p+1 213 631 3663 & +43 225381912-22
 email: officeusa@kvm-tec.com
kvm-tec ASIA-PACIFIC Sales p +9173573 20204 email: sales.apac@kvm-tec.com
kvm-tec China Sales - P + 86 1360 122 8145 email: chinasales@kvm-tec.com

www.kvm-tec.com