KVM can be so *simple*

Let´s connect!

k v m - t e c

... 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 fiber

USBflex Extender over IP is the active extension for USB 2.0 high speed signals and has a range of 160km/99mi in fiber as single version.

The in-house developed transparent USB 2.0 interface supports supports USB devices like tablets, touch sceens, 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 fiber

max distance 160km/99mi in fiber

USB transmission rate max 480Mbit/s

firmware flash upgrade without cable

automatic plug & play installation
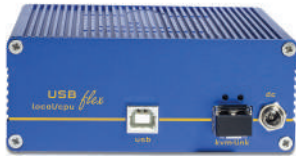
also suitable for 24V systems

kvm-tec = C^4

connect   collaborate communicate control

www.kvm-tec.com

USB flex
Part No.: 6032

6032L Local CPU unit

6032R 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 camers, video walls and much more) and operate & control the system with centralized management

Network Environemt; 1 or 10 Gbit bandwith

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 ca 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

$$kvm\text{-}tec = C^4$$

connect   collaborate   communicate control

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Technical Specifications

		UB1-F Local/CPU	UB1--F Remote/CON
Interfaces	USB 2.0	1 x USB-B to PC	4 x USB-A (devices)
USB	Spezification Type Rate	USB 2.0 transparent max. 480 Mbit/s	
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	external power supply 12 VDC 1A max 35V	external power supply 12 VDC 1A max35V
Power Input	Operation	6W	6W without USB devices
Operation environment	Temperature Humidity	0 to +45 °C (32 to 133 °F) < 90%, non-condensing	0 to +45 °C (32 to 133 °F) < 90%, non-condensing
Storage enviroment	Temperature Humidity	-25 to 80 °C (-13 to 176 °F) < 90%, non-condensing	-25 to 80 °C (-13 to 176 °F) < 90%, 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 opt.)	2 years (5 years opt.)
Delivery including	Devices	1 x UB1--F local (CPU)	1 x UB1-F remote (CON)
	Power Supply	1 x Wall power supply 12V 1A (EU-plug)	1 x Wall power supply 12V 1A (EU-plug)
	Cables	1 x USB A-B cable 1.8m (5,9ft)	
	SFP Module	1 x SFP Module-Multimode up to 500m (1640 ft) (Optional with Single-Mode up to 20km – 12mi)	1 x SFP Module-Multimode up to 500m (1640 ft) (Optional with Single-Mode up to 20km – 12mi)
	Mounting	4 x rubber feet Quickinstrution	4 x rubber feet

USB flex
Part No.: 6032

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Part Number & Short Description

Part No.	Order No.	Short description
6032	UB1-F	USBflex UB-Flex Fiber – Set *EAN 0798190109435 UPC 051497113216*
6032L	UB1-FL	USBflex UB-Flex Fiber – Local Unit /CPU *EAN 0798190109442 UPC 051497113223*
6032R	UB1-FR	USBflex UB-Flex Fiber – Remote Unit /CON EAN 0798190109459 UPC 051497113230
9003 9002	GV5JU GV5J	Warranty extension to 5 years per UINIT 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