Let´s connect!

KVM can be so *simple*

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... FLEXline
kvm-tec customized System

MAXflex is the Big player 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 -switch up@work

Flexline saves you space in a rack.

4 single or 4 dual Extender in 1RU.

USB 2.0 in-house development , USB save feature, USB Emulation Mode & USB Sharing

max flex

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... smart connections

DVI-D/ DVI-I USB2.0 Extender over IP

dual in copper

max resolution 1920 x 1200 @60 Hz

max distance 150m/492ft in copper

only two cable for USB and Video,

Sound embedded & sound analog (opt)

full HD videos in real time

USB transmission rate max 480Mbit/s

firmware flash upgrade without cable

VGA in - DVI out , RS 232 interface

DVI extension without loss of quality

Feature -   freeze last image

PoE Version (Switch supports PoE)

also suitable for 24V systems

MAXflex dual in copper

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 dual version

The perfect tuning of kvm-tec video compression with a low latency time (<5ms) enables a delay-free transmission of the signals. USB and video is transmitted via CAT5e/6/7 cable. Due to the DVI extension Full HD videos can be transmitted in real time.

USB memory, sound, RS232, analog VGA- as DVI transfer are already included.

With the included switching upgrade up to 1000 endpoints, the MAXflex Extender can be integrated into a matrix switching system up to 1000 endpoints in conjunction with a standard network switch. kvm-tec Switching Manager - the intelligent software enables convenient management and intuitive operation of KVM extenders in the switching system. A Windows PC or Tablet with network interface is required for commissioning and operating the software.
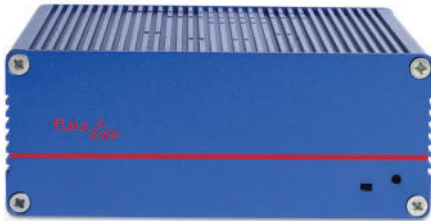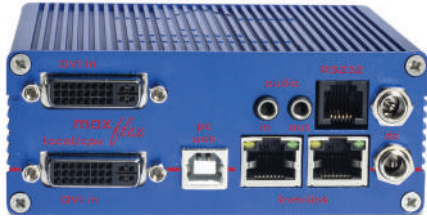
$kvm\text{-}tec = C^4$

connect   collaborate   communicate control

Softwarefeatures
Mouse glide &Switch

up to 8 screens can be operated and controlled with 1 mouse & 1 keyboard

max *flex*
Part No.: 6024

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6024L Local CPU unit

6024R 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 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

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

connect   collaborate communicate control

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Switching Manager Software

The intelligent software solution from kvm-tec for managing all KVM extenders connected in a matrix switching system up to 1000 endpoints. The local and remote parts can be connected or disconnected by touch or mouse click. For a quick overview, the extenders are arranged in an optimized way and the status of the extenders is highlighted in color.
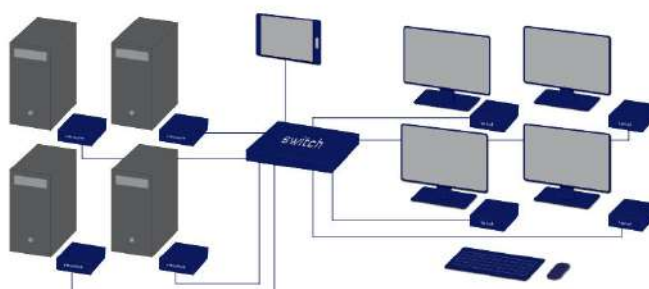
- stores up to 5 various scenarios
- display of the USER sessions
- update management for all extenders in the switching system
- Extender setting definition
- Multihead groups and static partner
- Mouse glide&switch
- 4K Multiview Commander Management
- unlocking kvm-tec upgrades
- displays & Update the current firmware version in the Switching System

Network environment 1Gigabit Bandwith: IGMP Snooping

switching system

SOFTWARE - FEATURE

Mouse Glide & Switch

with only one mouse and one keyboard, multiple PCs can be operated from one workstation. The arrangement of up to 8 monitors via the Switching Manager can be horizontal or vertical and is comparable to a virtual desktop wall. With the stand alone solution up to 4 screens/PCs can be operated and controlled.

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Technical Specifications

		MA2 Local/CPU	MA2 Remote/CON
Interfaces	Video	2 x DVI in	2x DVI-D out
	USB 2.0	1 x USB-B to PC	4 x USB-A (devices)
	Audio	1 x 3,5mm jack (Line In) 1 x 3,5mm jack (Line out)	1 x 3,5mm jack Line In) 1Vpp 1 x 3,5mm lack (Speaker) 2x10mW@32Ohm
Video	Signal type Resolution (digital) Signal type Resolution (analog) (opt.) Color mode	DVI-D max. 1920x1200 @ 60Hz DVI-I max. 1920x1200 @ 60Hz 24bit	DVI-D max. 1920x1200 @ 60Hz DVI-I max. 1920x1200 @ 60Hz 24bit
Audio	Type Bandwidth	analogue / embedded 16bit, 44kHz, 2ch	analogue/embedded 16 bit, 44kHz, 2ch
USB	Specification Type Rate	USB 2.0 transparent max. 480 Mbit/s mass storage devices & camera optional	USB 2.0 transparent max. 480 Mbit/s mass storage devices & camera optional
RS232 interface		transparent up to 115200 baud +/-5V,CTS/DTR handshake	transparent up to 115200 baud +/-5V,CTS/DTR handshake
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 43x 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	wall power supply unit 12 VDC 1A redundant max 35V	wall power suppl y unit 12 VDC 1A redudant max 35V
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	1 x MA2 local (CPU)	1 x MA2 remote (CON)
	Power Supply	1 x wall power supply unit 12V 1A (EU-plug or INT plug)	1 x wall power supply unit 12V 1A (EU-plug or INT plug)
	Cables	2 x DVI - DVI cable 1,8m (5.9ft) 1 x USB cable 1,8m (5.9ft)	
	Mounting	4 x rubber feet	4 x rubber feet
	Manual	Quickinstallation manual download: www.kvm-tec.com	

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Part Number & Short description

Part No.	Order No.	Short description
6024	MA2	Maxflex Extender Dual – Set *EAN 0798190109282 UPC 051497113063*
6024L	MA2-L	Maxflex Extender Dual – Local Unit /CPU *EAN 0798190109299 UPC 051497113070*
6024R	MA2-R	Maxflex Extender Dual – Remote Unit /CON EAN 0798190109305 UPC 051497113087
6033	POE-Set	FLEXline PoE Upgrade Set EAN 0798190109626 UPC 051497113407
6034	POE-Unit	FLEXline PoE Upgrade Unit EAN 0798190109633 UPC 051497113414
9003 9002	GV5JU GV5J	Warranty extension to 5 years per UNIT 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 redundand Power supply for FLEXline EAN 0798190109503 UPC 051497113285
6235 6236	DINMK-FLEX VH -FLEX	Din Rail Mounting for FLEXline EAN 0798190109510 UPC 051497113292 Vesa Mounting Kit for Flexline EAN 0798190109527 UPC 051497113308

point to point

switching system

point to point max. distance 150m/492ft in copper   Switching System up to 1000 endpoints

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