KVM can be so *simple*

Let's connect!
kvm-tec

mediaConnect 4K

usb dp kvm-link

6502 Remote

mediaConnect 4K

usb dp kvm-link

6502 Local

media**4K**connect
kvm-tec engineered 4K System

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kvm-tec engineered **4K** System

4K DP1.2 Extender + uncompressed + redundant

4K Displayport 1.2 Extender over IP in fiber with a range of 300m/984 ft at a resolution up to 4096x2160 @ 60Hz with perfect color coding at 4:4:4 @8 bit per color. The perfect tuning of kvm-tec video compression with a low latency allows a delay-free transmission of the signals. USB and video is transmitted with only one cable. 4K videos can be transmitted in real time.

With the unique kvm-tec modular system the media4Kconnect Extender with the ultraslim housing is unbeatable in price and performance as well as in the possible fields of application

media4Kconnect is available in different versions. As stand alone 4K Extender, with an uncompressed module or with a redundant module.

The media4Kconnect with **redundant secure** module guarantees failure safety for critical applications.

The media4Kconnect with **uncompressed real** module enables transmission without artifacts even with difficult bit patterns.

Keep it simple and buy what you need
with the unique engineered 4K system from kvm-tec, both modules can be upgraded later

Flexible through **in house developed USB 2.0** technology

4K Displayport 1.2 Extender over IP

max. resolution up to 4096 x 2160 @ 60 Hz/ 4:4:4

SFP+ Modul-Multimode up to 300m /984ft (opt 120km/74.5mi)

4K Videos in real time

transparent USB 2.0 extension

one Duplex multimode fiber cable (LC) (USB and video in one stream)

USB save feature

can be used in the matrix switching system up to 2000 endpoints

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connect   collaborate   communicate   control

www.kvm-tec.com

media**4K**connect

4K DP1.2 stand alone

The transparent USB 2.0 interface supports tablets and touchscreens, sound modules, printers and much more. Ideal for many applications. For memory sticks and USB hard drives the USB option is included.

The kvm-tec feature „USB save" prevents the intrusion of viruses via the USB interface by deactivating mass storage devices.

With the included switching upgrade up to 2000 end-points, the media4Kconnect DP 1.2 Extender can be integrated into a matrix switching system in conjunction with a standard 10G network switch. Switching can be done either via the OSD menu with key combination or directly via the Switching Manager. The intelligent software kvm-tec Switching Manager 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.

automatic plug&play installation

4K Displayport 1.2 with delay free transmission

ultracompact up to 4 extender in 19" 1RU

firmware flash upgrade without cable

USB transfer rate max 480 Mbit/s

warranty 2 years, warranty extension up to 5 years

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4K D1.2 stand alone

technical specifications

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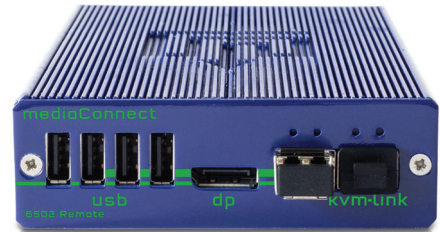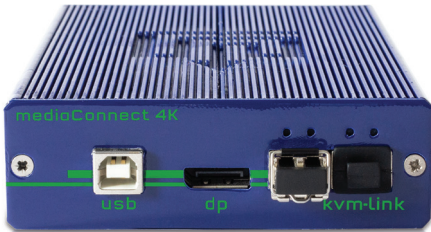| media4Kconnect DP1.2	LOCAL /CPU	REMOTE/CON
power input	15W	15W without USB devices
operation environment	0 °C to 45 °C (32 to 113 °F)	0 °C to 45 °C (32 to 113 °F)
storage environment	−25 °C to 80 °C (-13 to 176 °F)	-−25 °C to 80 °C (-13 to 176 °F)
relative humidity	max. 80% (non condensing)	max. 80% (non condensing)
MTBF	82820 calculated hours ca 10 years	82.820 calculated ca 10 years
Redundant power supply	12 VDC 2A external power supply	12 VDC 2A external power supply
Video connection	Displayport 1.2	Displayport 1.2
kvm-link	10G SFP+	10G SFP+
videocompression	kvm-tec compression	kvm-tec compression
Casing Material dimension mm dimension inch weight	anodized aluminum B104 x H32 x D175 mm B 4.2 x H1.6 x D 7.2 inch 610g /1.34 lb	anodized aluminum B104 x H32 x D 175 mm B 4.4 x H1.6 x D 7.2 inch 620g / 1.36 lb
Laser	class 1 Laser product to DIN 40008/EN and VDE 0837	Class 1 Laser Product to DIN 40008/EN and VDE 0837
Delivery content		
devices	1 x media4Kconnect DP1.2 LOCAL/CPU	1 x media4Kconnect DP REMOTE/CON
power supply	1 x 12 VDC 2A power supply	1 x 12 VDC 2A power supply
cable	1 x DP-DPcable 1.8 m/5.9ft 1 x USB A-B cable 1.8m/5.9ft	
mounting	4 x rubber feet	4 x rubber feet
instruction	Quick Instruction	

media**4K**connect
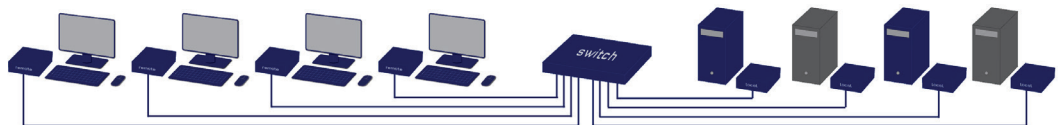
4K DP1.2 stand alone

Local & Remote Unit

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media4Kconnect DP1.2 6930L Local/CPU unit

media4Kconnect DP 1.2 6930R Remote/CON unit

mediaConnect 4K

usb   dp   kvm-link

mediaConnect

usb   dp   kvm-link

6502 Remote

point to point

switching system

switch

media**4K**connect

4K DP 1.2 stand alone

Item & Order Number

Order Nr	Item Nr	short description
M4KDP	6930	media4Kconnect DP1.2SET
M4KDP-L	6930L	media4Kconnect DP1.2 Local
M4KDP-R	6930R	media4Kconnect DP1.2 Remote
M4K REDDP	6950	media4Kconnect redundant DP1.2 module
M4KUNCDP	6970	media4Kconnect uncompressed DP1.2 module
GV5JU GV5J	9003 9002	warranty extension to 5 years per unit warranty extension to 5 years per set

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 high-lighted 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 re-duced 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 com-pression without latency, only one cable for USB and video trans-mission ,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

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