

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



kvm-tec engineered 4K System

4K DP1.2 Extender + redundant module

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

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.

- automatic plug&play installation
- Displayport / HDMI extension without quality loss
- ultra compact up to 4 Extender in 19" 1HE
- firmware flash Upgrade without cable
- USB 2.0 transmission rate max 480 Mbit/s
- redundant DC plug

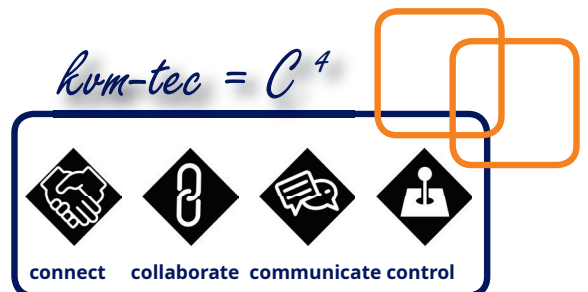
ultraslim housing

flexible through in house developed USB 2.0 technology

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- 4K Extender DP1.2 with redundant secure module
- reliability for critical applications with redundant secure module
- in case of failure of a network it is possible to switch immediately to the redundant network
- Displayport 1.2 Extender over IP in fiber
- max. resolution 4096 x 2160 @ 60 Hz/ 4:4:4
- double SFP+ module-multimode up to 300m/984.25 ft (opt 120km/74.56mi)
- 4K Videos in real time
- modular 4K system with excellent price-performance ratio
- can be used in the Matrix Switching System up to 2000 endpoints

kvm-tec = C⁴



media4Kconnect

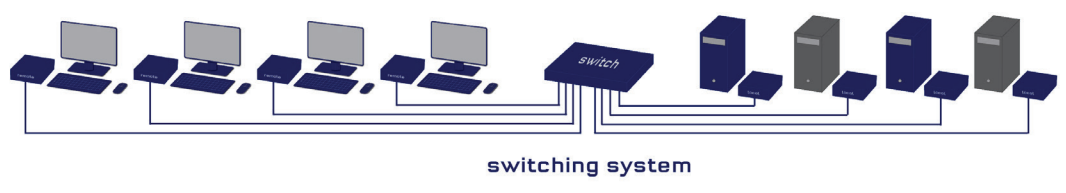
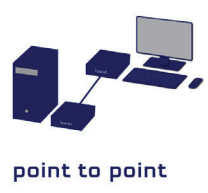
DP 1.2 redundant

Local & Remote Unit

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DP 1.2 media4K redundant
6950L Local/CPU unit

DP1.2 media4K redundant
6950R Remote/CON unit



media4Kconnect

DP 1.2 redundant

technical specifications

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media4Kredundant -DP1.2	stand alone with redundant secure module
Power Input	15W without USB devices
Operation environment	0 °C to 45 °C C (32 to 113 °F)
storage environment	-25 °C to 80 °C (-13 to 176 °F)
relative humidity	max. 80% (non condensing)
MTBF	82820 hours ca 10 years
redundant power supply	12 VDC 2A 2 x external power supply redundant
video connection	Displayport 1.2 /HDMI
kvm-link	2 x 10G SFP+ redundant
videocompression	kvm-tec compression
casing material dimension (WxHxD) dimension inch	anodized aluminum B 109 x H43 x D 184 mm B 4.2 x H1.6 x D 7.2 inch
weight	610g /1.34 lb loc/CPU 620g / 1.36 lb rem/CON
Laser	Class 1 Laser Product 1 to DIN 40008/EN and VDE 0837
Delivery content	
devices	1 x media4Kredundant DP LOC 1 x media4Kredundant DP REM
Power supply	2 x 12 VDC 2A power supply 2 x 12 VDC 2A power supply
Cable	1 x DP-DP cable 1.8 m /5.9 ft 1 x USB A-B cable 1,8m/5.9ft
Mounting	4 x rubber feet Quick - instruction

Item & Order Number

ORDER NR	ITEM NR	SHORT DESCRIPTION
M4KREDDP	6950	media4Kconnect redundant DP1.2 Modul
M4KDP	6930	media4Kconnect-DP1.2SET
M4KDP-L	6930L	media4Kconnect DP1.2 Local/CPU
M4KDP-R	6930R	media4Kconnect DP1.2 Remote7CON
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 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 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 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

