

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



**kvm-tec engineered 4K System**

**4K DP1.2 Extender  
 + uncompressed Modul**

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. USB and video is transmitted with only one cable. 4K videos can be transmitted in real time.

The perfect video transmission allows a delay-free transmission of the signals. Even extreme bit patterns are transmitted true to the original.

USB and video are transmitted via a cable. 4K videos in real time.

automatic plug&play Installation  
 Displayport without any loss of quality  
 ultra compact up to 4 Extender in 19" 1HE  
 firmware flash upgrade without any cable  
 USB 2.0 transmission rate max 480 Mbit/s2  
 ultraslim housing

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



4K DP1.2 Extender with real uncompressed module

for uncompressed transmission without any artefacts

Displayport 1.2 Extender over IP

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

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



[www.kvm-tec.com](http://www.kvm-tec.com)



*kvm-tec = C<sup>4</sup>*

connect collaborate communicate control



media4Kconnect

DP1.2 uncompressed

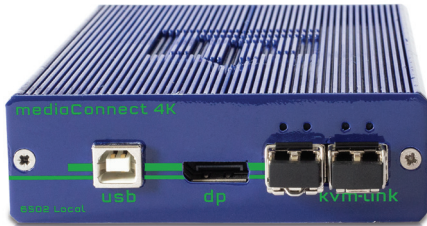
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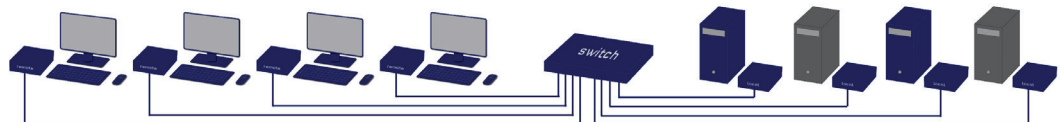
## Local & Remote Unit

DP 1.2 media4K  
uncompressed  
6970L Local/CPU Unit

DP1.2 media4K  
uncompressed  
6970R Remote/CON Unit



point to point



switching system

media4Kconnect

DP1.2 uncompressed

# technical specifications

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media4Kredundant -DP1.2	stand alone with uncompressed module
Power Input	15W without USB devices
Operation environment	0 °C to 45 °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 external poewr supply
Video connection	Displayport 1.2
kvm-link	2 x 10G SFP+ (double bandwidth)
video compression	uncompressed
casing material Dimension (WxHxD) weight	anodized aluminum B 100 x H43 x T 184 mm B 4.2 x H1.6 x D 7.2 inch 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	
Geräte	1 x media-uncompressed LOC      1 x media-uncompressed Remote
Power supply	1 x 12 VDC 1A power supply      1 x 12 VDC 1A power supply
Cable	1 x DP-DP cable 1.8 m/5.9ft 1 x USB A-B cable 1.8m/5.9 ft
Mounting	4 x rubber feet

media4Kconnect

DP1.2 uncompressed

Item & Order Number

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ORDER NR	ITEM NR	SHORT DESCRIPTION
M4UNCDP	6970	media4Kconnect uncompressed Modul
M4KDP-L	6930L	media4Kconnect DP1.2 Local /CPU
M4KDP-R	6930R	media4Kconnect DP1.2 Remote/CON
M4KDP	6930	media4Kconnect DP1.2 Set
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 cameras, video walls and much more) and operate & control the system with centralized management

Network Environment; 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

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connect



collaborate



communicate



control

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