

UNCOMPRESSED



media4Kconnect

kvm-tec engineered 4K System 4K DP1.2 Extender uncompressed

4K Displayport 1.2 Extender over IP in Fiber with a range of 300m/984ft at a resolution of 4096x2160 @ 60Hz with a perfect color coding with 4:4:4 @ 10 bit per color. The perfect tuning of kvm-tec video compression with a low latency - 0.47ms allows a delay free transmission of the signals. USB and video is transmitted over one cable. 4K videos in real time. Great flexibility with USB devices, as USB2.0 was developed in-house. The media4Kconnect extender with the ultraslim housing is unbeatable in price-performance as well as in the possible application areas due to the unique module system of kvm-tec.

With the included switching upgrade up to 2000 endpoints (expandable with endpoint packages at any time) the media4Kconnect extender can be integrated into a matrix switching system in combination 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 allows a comfortable management and intuitive operation of the KVM Extender in the switching system. A Windows PC or tablet with network interface in the network is required for commissioning and operation of the software.
sound embedded /opt analog

Flexible due to USB 2.0 technology developed in house.

Software feature: Mouse glide &Switch



A new standard is born
Redundant - uncompressed
Transmission

uncompressed

4K Displayport Extender 1.2 unkomprimiert

4K Displayport 1.2 Extender over IP in Fiber with a resolution of 4096 x 2160 @60Hz with a perfect color coding with 4:4:4@10 bit per color

SFP+ module multimode up to 300m/984ft (opt 120km/77mi)

Latency 0.47ms due to in-house developed video compression

Ultra compact up to 4 extenders in 19" 1RU

USB transfer rate max 480 Mbit/s

Warranty extension up to 5 years

keep it simple and buy what you want

redundant and uncompressed can also be activated later on



5K

Super Ultrawide resolution of 5120x1440 at 60Hz
USB 2.0 technology (developed in-house)
0.47ms latency time



www.kvm-tec.com



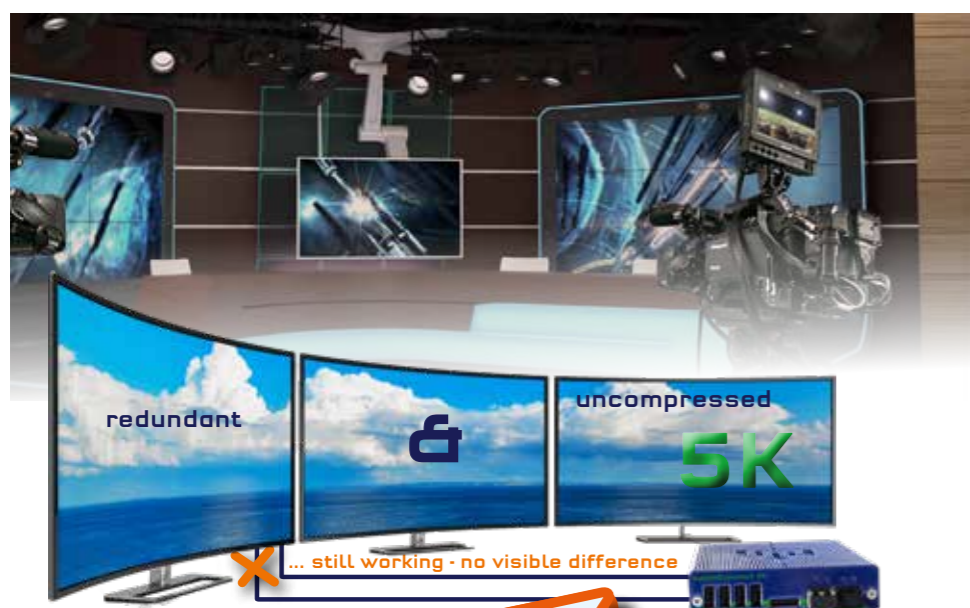
5K

5K

Super Ultrawide resolution 5120x1440 by 60Hz
 USB 2.0 technology (in-house developed)
 0,47ms Latency time

DP 1.2 media4K
 uncompressed
 6970L Local/CPU Unit

DP1.2 media4K
 uncompressed
 6970R Remote/CON Unit



... still working - no visible difference



Instant notification

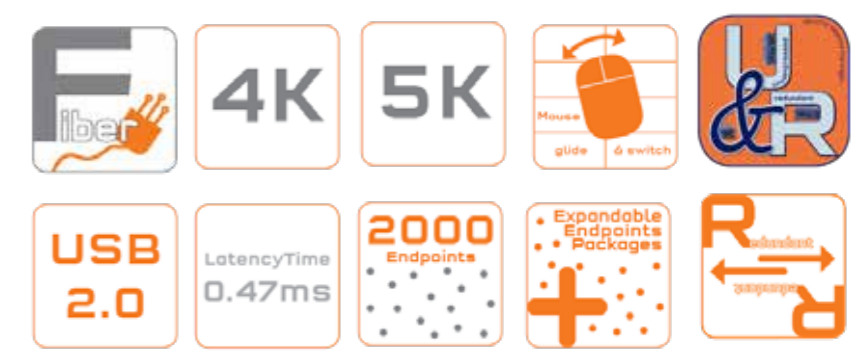


uncompressed/ native redundant transmission

If one port fails, there is NO black screen as the other port immediately takes over.

something is wrong - immediate notification

Since there is almost no noticeable difference between compressed and uncompressed with kvm-tec uncompressed, the link failure could be easily overlooked.



www.kvm-tec.com



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 power supply	
Video connection	Displayport 1.2	
kvm-link	2 x 10G SFP+ (double bandwidth)	
video compression	uncompressed	
casing material Dimension (WxHxD)	anodized aluminum B 100 x H43 x T 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		
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	

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 yearsd per SET

