media4Kconnect SPECIAL
with RS232 & sound
uncompressed

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

RS232, Sound Analog, embedded
Flexible due to USB 2.0 technology developed in house.

Software feature: Mouse glide &Switch

4K Displayport Extender 1.2 uncompressed

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

A new standard is born

Redundant - uncompressed Transmission

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

media**4K**connect SPECIAL
with RS232 & sound

4K DP 1.2 uncompressed

SPECIAL FEATURES
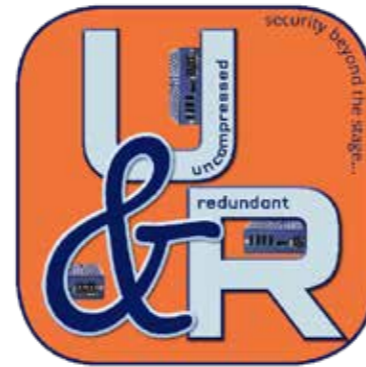

Super Ultrawide resolution 5120x1440 by 60Hz
USB 2.0 technology (in-house developed)
0,47ms Latency time

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.

DP 1.2 media4K uncompressed
6936L Local/CPU Unit

DP1.2 media4K uncompressed
6936R Remote/CON Unit

Fiber | **4K** | **5K** | Mouse glide & switch | **U&R** redundant

USB 2.0 | LatencyTime 0.47ms | **2000** Endpoints | Expandable Endpoints Packages | **R&R**

TECHNICAL SPECIFICATIONS

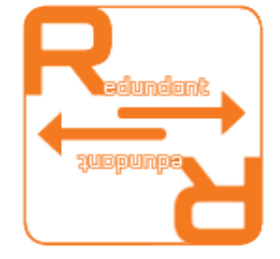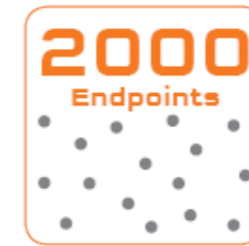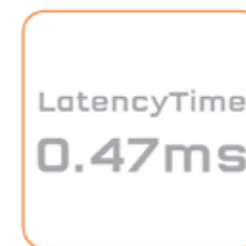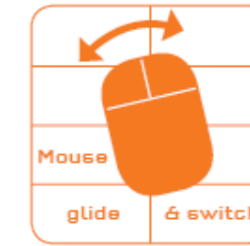|	
media4Kredundant -DP1.2	stand alone with uncompressed module
Power Input	15W without USB devices
Operation environment	0 °C to 45 °C (32 to 113 °F)
Storage environment	−25 °C to 80 °C (-13 to 176 °F)
relative humidity	max. 80% (non condensing)
MTBF	82820 hours ca 10 years
redundant power supply	12 VDC 2A external poewr supply
Audio	analog/embedded 16bit, 44kHz, 2ch
RS232 interface	transparent up to 115200 baud +/-5V/c/TS/DTR handshake
Video connection	Displayport 1.2
kvm-link	2 x 10G SFP+ (double bandwith)
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

ITEM NUMBER

ORDER NR	ITEM NR	SHORT DESCRIPTION
M4KSPUNC	6936	media4Kconnect Special uncompressed
M4KSPUNC-L	6936L	media4Kconnect Special Local/CON
M4KSPUNC-R	6936R	media4Kconnect Special Remote/CPU
GV5JU GV5J	9003 9002	warranty extension to 5 years per UNIT warranty extension to 5 yearsd per SET

www.kvm-tec.com