

mediaConnect4K

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 standalone 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



**MEDIA4KCONNECT
DISPLAYPORT 1.2**



**MEDIA4KCONNECT
REDUNDANTE**



**MEDIA4KCONNECT
SIN COMPRESIÓN**

- 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

LATENCY TIME 0.47ms

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 endpoints, 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 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
- Ultra-compact 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



mediaConnect4K DP 1.2	Local / CPU Unit	Remote / CON Unit
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	82820 calculated hours 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+
Casing Material	Anodized aluminium	Anodized aluminium
Dimension mm	B104 x H32 x D175mm	B104 x H32 x D175mm
Weight	640g	620g
Laser	Class 1 Laser product to DIN 40008/EN and VDE 0837	Class 1 Laser product to DIN 40008/EN and VDE 0837

