UNCOMPRESSED 12GSDI 4K

media4Kconnect
12G SDI - 4K
uncompressed

12G SDI Interface Extender over IP in Fiber with a range of 300m /984ft with a max resolution of 3840 x 2160 @ 60Hz with a perfect color coding with 4:2:2 @10 bit per color. Perfect tuning of kvm-tec video compression with a low latency - 0.47 ms enables a delay-free transmission of signals. USB and video is transmitted over one cable. 4K videos in real time.

The 12G SDI media4Kconnect extender with the ultraslim housing is unbeatable in price-performance, as well as in the possible application areas.

With the included switching upgrade up to 2000 endpoints (arbitrarily expandable with endpoint packages) the 12G SDI 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.
Flexible due to USB 2.0 technology developed in house

RS23, sound embedded/ analog in Q3

uncompressed (native) for pixel-perfect transmission without artifacts

Software feature: Mouse glide &Switch

12G UHD-SDI KVM Extender over IP

Max. SDI Input/Output distance 75m @ 11.88Gbps

SFP+ Modul-Multimode up to 300m/984ft (opt 120km/77mi)

4K Videos in real time

Transparent USB 2.0 extension

One duplex multimode fiber cable (LC) (USB and video in one stream)

Latency time 0.47ms

USB save feature

applicable in matrix switching system up to 2000 endpoints and more

4Units in 1 HE

Mouse Glide & Switch

A new standard is born

Redundant - uncompressed transmission

12G SDI

can be combined with

media4Kconnect remote redundant

www.kvm-tec.com

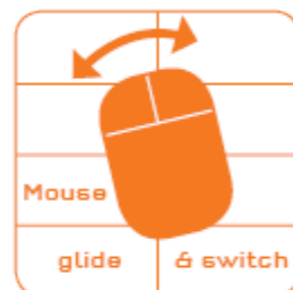... still working · no visible difference

Instant notification

uncompressed/ native redundant transmission

If one port fails, there is NO black screen, because the other port immediately
port takes over immediately
something is wrong · immediate notification
Since there is almost no noticeable difference between compressed and uncompressed kvm·tec
uncompressed, the link failure could also be easily overlooked.
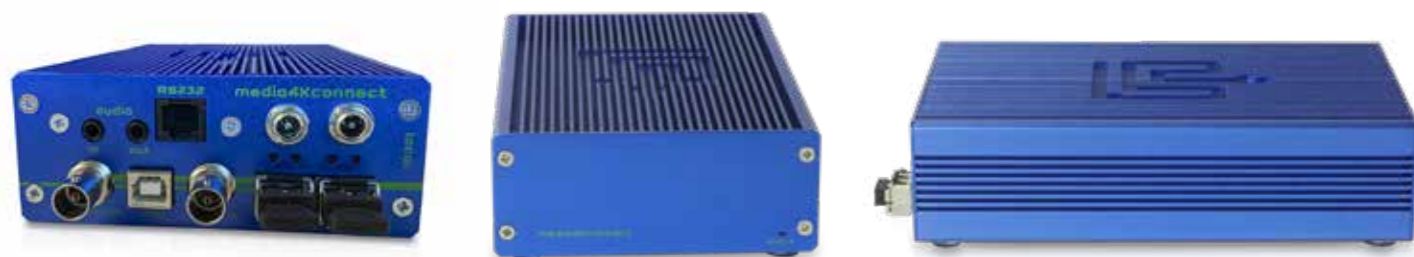
Software Feature · Mouse Glide & Switch

up to 16 monitors can be operated with one mouse and one keyboard

Mouse
glide   & switch

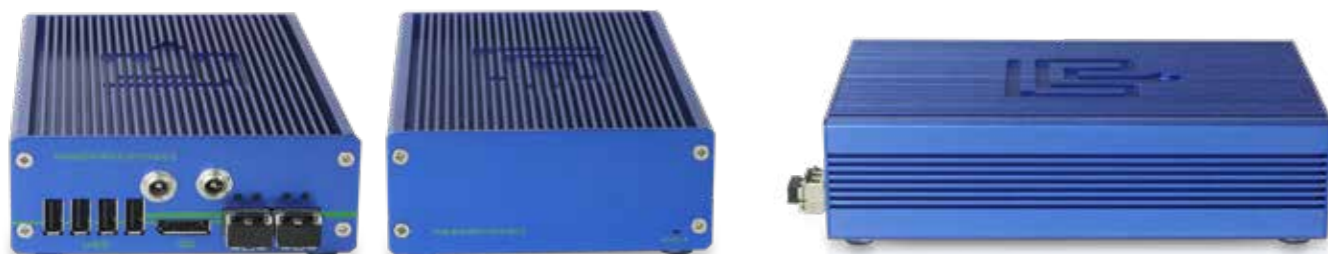| media4Kconnect local 12G UHD uncompressed	
Power Input	15W without USB devices
Operation environment	0 °C to 45 °C (32 to 113 °F)
storage environment	−25 °C to 80 °C (-13 to 176 °F)
relative humidity	max. 80% (non condensing)
MTBF	82820 hours ca 10 years
power supply	12 VDC 2A external power supply
video connection	HD SDI, 3G SDI, 12G SDI
kvm-link	2 x 10G SFP+ redundant
video compression	kvm-tec compression
casing Material Dimension (WxHxD) weight	anodized aluminium ca B 109 x H43 x D 184 mm ca B 4.2 x H1.6 x D 7.2 inch 610g/1.34 lb loc/CPU
Laser	Class 1 Laser Product 1 nach DIN 40008/EN und VDE 0837
Delivery content devices	1 x media4Kconnect - 12G SDI uncompressed local
Power supply	1 x 12 VDC 2A power supply
Cable	1 x BNC -BNC cable 2.00m/6.56 ft 1 x USB-A cable 1.8m/5.9ft
	2 x SFP+Multimode Module up to 500m/1640ft alt Single Mode Modul up to 10 km /6.2mi
Mounting	4 x rubber feet 1 x Quickinstruction

12G SDI
media4Kconnect
6980L Local/CPU Unit

in set combinable with
media4Kconnect uncompressed
remote

media4Kconnect DP 1.2
uncompressed remote
SET NR 6980

ORDER NR	ITEM NR	SHORT DESCRIPTION
M4KUNKSDI	6980	media4Kconnect 12GSDI uncompressed SET 12GSDI uncompressed local + media4Kconnect uncompressed remote
M4KUNKSDI-L	6980-L	media4Kconnect 12GSDI uncompressed local
GV5JU GV5J	9003 9002	warranty extension to 5 years per Unit warranty extension to 5 years per Set