



**It's not only  
a solution - it's a  
4K revolution**

DP1.2 4K Extender / 60 Hz / 4:4:4

Ultra-high resolution 4096x2160 @60 Hz (True 4K)

Max. distance 100m/120km

USB 2.0 transparent up to 480mb/sec

Built in MST HUB/Splitter

Compatible with Matrix Switching System

USB save feature

## Ultraline 4K Extender

The 4k Ultraline Extender – it's not only a solution - it's a 4K revolution. The new Ultraline 4k Extender supports transport of ultra-high resolution (up to 4096 x2160 @ 60 Hz - True 4k) over fiber optic or copper cabling. The Ultraline 4K Extender has the perfect color coding with 4:4:4 @ 8 bit per color. The Extender is optimized for all signals like DP1.2 and USB 2.0. The product is available in copper and fiber version and can go up to distances of 100m in copper and 120km in fiber.

The CPU (local) and CON (remote) parts have two local video outputs which support a MST/ Hub splitter function with 4K multi-stream support at a resolution of up to 2560x1440. Additionally, the *kvm-tec security feature „USB save“* prevents the intrusion of computer viruses via the interface by disabling mass storage device support such as USB memory stick and external hard disk drives. With the Matrix Switching System upgrade code enabled, the Ultraline 4k Extender can be used with a standard 10G

Network Switch to create a full KVM Matrix Switching System. There is no additional hardware needed. Additionally, our intelligent software, the *kvm-tec Switching Manager*, (available separately) provides easy and intuitive management of all KVM Extenders in the Switching System. A low cost, 5 year extended warranty is also available.

### kvm-tec upgrade codes pre-installed

- Matrix Switching System up to 480 endpoints

### Ultraline 4K Footprints

- Max. resolution 4096x2160 @ 60 Hz
- Distances up to 100m CATx, 120km Fiber
- Perfect video compression
- Less latency < 5 ms
- Local (CPU) / remote (CON) monitor output
- 4:4:4 color coding
- Only one cable for USB and video
- Displayport 1.2 extender over IP
- Firmware flash upgradable without cable
- 19" Rack mountable
- RS 232, Audio, Sound