



Full
HD

Let's connect!
KVM can be so simple
kvm-tec

MOVE

SCALABLE LINE 4K & Full HD
the new KVM Dimension

In this ultra-flexible KVM Multiview Commander system, up to 16 sources, in Full HD or 4K can be combined and displayed on a 4K monitor with one mouse and keyboard, scaled and operated as desired.

www.kvm-tec.com

THE kvm-tec ROAD for a flexible Systemarchitecture

The new KVM Dimension - 4K and Full HD can be flexibly combined and up to 16 sources can be displayed, operated and scaled.

For Full HD sources, MAXflex dual local with Scalable Remote Unit becomes ultra-flexible the remote unit of ScalableLine. For 4K applications, Scalable Local is combined with Scalable Remote.

Flexible - more flexible - most flexible is that HD and 4K can be used together for the different sources



ScalableLine 4K - Displayport 1.2 extender remote or local over IP in fiber with a range of 300m/984ft at a resolution of 4096x2160 @ 60Hz (5K 5120 x 1440) with a perfect color coding with 4:4:4 @8 bit per color.

The perfect tuning of kvm-tec video compression with a low latency - 0.47ms enables a delay-free transmission of the signals. USB and video is transmitted over one cable. 4K/5K videos in real time. Great flexibility with USB devices as USB2.0 was developed in-house.

VideoWall functions with Scalable Line

ScalableLine 4K Extender with the ultraslim housing enables video wall functions at an excellent price - performance ratio without additional hardware. Switching up to 2000 endpoints (expandable with endpoint packages) . Compatible with standard 10G network switches. Switching can be done either via the OSD menu with short-cut keys, or directly via the switching manager.

Scalable



line
ZOOM



4K
Full HD

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up to 16 sources can be displayed on one monitor, scaled and operated as desired



Images can be moved flexible across different monitors



Cut it out
Parts of images can be cropped and be displayed



PIP and overlapping
Picture in Picture Display and overlapping windows



several monitors can be combined to a video wall

e.g. 4 monitors in 4K can display up to 64 images in real time



zoom & work
each source can be upscaled / downscaled and operated

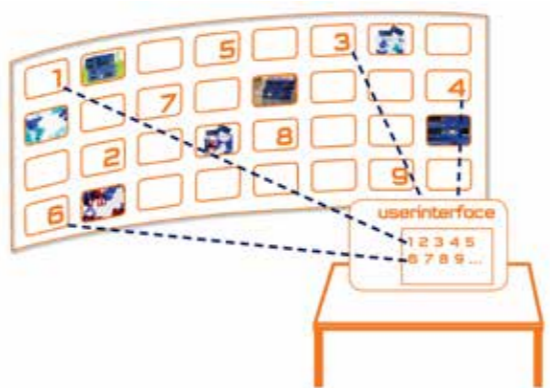


5K Super Ultrawide resolution
5120 x 1440 @60 Hz

SCALABLE LINE 4K & Full HD the new KVM Dimension

The intelligent **software kvm-tec Switching Manager** enables a comfortable management and intuitive operation of all KVM extenders in the switching system. A Windows PC or tablet with network interface in the network is required for the installation and operation of the software. sound embedded / sound analog RS 232
Software feature: Mouse glide & Switch
4Units in 1 RU

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Assignment of any sources via the user interface

ZOOM
line

Scalable



4K
Full HD

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Scalable line can be individually combined in the Matrix Switching System

SCALABLE LINE 4K & Full HD the new KVM Dimension

the flexible system architecture

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MAXFLEX dual in copper



MAXFLEX dual in Fiber



Scalableline local

Maxflex dual local + Scalable remote
=
Scalable line in Full HD



SCALABLEline remote

THE kvm-tec ROAD for a flexible Systemarchitecture

Scalable local + Scalable remote
=
Scalable line in 4K



Scalable



ZOOM
line

TECHNICAL SPECIFICATIONS Scalable line 4K



SCALABLE LINE	Local (CPU/TX) remote Unit (CON/RX Scalable Line)	
Power Input	15W without USB devices	
Operation environment	0 °C bis 45 °C (32 to 113 °F)	
storage environment	-25 °C bis 80 °C (-13 to 176 °F)	
relative humidity	max. 80% (non condensing)	
MTBF	82820 hours ca 10 years	
power supply	12 VDC 2A 1 x external power supply	
RS 232 interface	transparent up to 115200 baud +/-5V,CTS/DTR handshake	
Audio	analog / embedded 16bit, 44kHz, 2ch	
Videointerface	Displayport 1.2	
kvm-link	10G SFP+	
videocompression	kvm-tec compression	
casing material material dimension (WxHxD) dimension inch weight Delivery weight SET	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 3440g /7.5lbs	
Laser	Class 1 Laser Product 1 to DIN 40008/EN and VDE 0837	
Delivery content devices	1 x Scalable local	1 x Scalable Remote
Power supply	1 x 12 VDC 2A power supply	1 x 12 VDC 2 Netzteil
Cable	1 x DP-DP cable 1.8m/5.9ft 1 x USB-A cable 1.8m/5.9ft 1 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	

TECHNICAL SPECIFICATIONS Scalable line FULL HD



SCALABLE LINE	Local (CPU/TX) remote Unit (CON/RX Scalable Line)	
Power Input	15W without USB devices	
Operation environment	0 °C bis 45 °C (32 to 113 °F)	
storage environment	-25 °C bis 80 °C (-13 to 176 °F)	
relative humidity	max. 80% (non condensing)	
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Videointerface	Displayport 1.2	
kvm-link	10G SFP+	
videocompression	kvm-tec compression	
casing material material dimension (WxHxD) dimension inch weight Delivery weight Set	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 2440g/5.73	
Laser	Class 1 Laser Product 1 to DIN 40008/EN and VDE 0837	
Delivery content devices	1 x MA2 copper or fiber local	1 x Scalable Remote
Power supply	1 x 12 VDC 2A power supply	1 x 12 VDC 2 Netzteil
Cable	1 x DVI-DVI cable 1.8m/5.9ft 1 x USB-A cable 1.8m/5.9ft 1 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	

Part Number Scalable line 4K & Full HD



Order Number	Item Number	Short Description
SC - L	6990L	Scalable line 4K Local Unit EAN 0798190112329 UPC 51497115685
SC-R	6990R	Scalable line 4K Remote Unit EAN 0798190112312 UPC 51497115678
MA2-FL	6026L	Maxflex Extender Dual Fiber – Local Unit / CPU EAN 0798190109350 UPC 051497113131
MA2 -L	6024L	Maxflex Extender Dual – Local Unit /CPU EAN 0798190109299 UPC 051497113070
GV5JU GV5J	9003 9002	warranty extension to 5 years per unit warranty extension to 5 years per set

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