

Multiview System

KVM Development &
Support



free scalable

SCALABLELINE in Full HD and 4K



The free scalable system

- 16 freely scalable sources
(per unit, 64 sources possible in total)
- No limit for moving images
- Full HD & 4K
- Latency <0.47ms
- Real-time display
- Less hardware
- Multihead freely selectable

- Simultaneous presentation
(Videocloning - the same image can be displayed on the monitor and on the video wall)
- Individual labeling of the screens
(background color and font color can be set individually)
- Fast scenarios
- Mousepointer - animated mouse highlighter

SCALABLELINE in Full HD and 4K

ScalableLine 4K - Displayport 1.2 extender remote or local over IP in fiber with a range of up to 300m/985ft 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 videos in real time. Great exibility with USB devices as USB2.0 was developed in-house.

Switching & KVM Management

Management via OSD or with the included Switching Manager Software

The intelligent software kvm-tec Switching Manager allows a comfortable management and intuitive management via OSD or with the included Switching Manager software. The intelligent software kvm-tec Switching Manager allows a comfortable management and intuitive operation of the KVM extenders in the switching system.

For commissioning and operation of the software a Windows PC, VM or tablet with network interface in the network is required.

Management via OSD or with the included Switching Manager software.

Videowall function

The ScalableLine 4K Extender with the ultraslim housing enables video wall functions (4K series) at an excellent price-performance ratio without additional hardware.

Upscaling at the Remote Unit

On the remote unit, 2 scaled images can be upscaled and a partial section can be displayed as a full screen image.

Scaling via two links at the local unit

The unscaled 4K image of one monitor can be displayed simultaneously in 4K on another monitor.

In combination with Full HD images can also be upscaled up to 4K.

This can be done with a combination of keys.

More, more, more

- up to 16 sources can be displayed on one monitor, scaled and operated as desired.
- each source can be up/downscaled and operated
- picture in picture display & overlapping windows
- pictures can be moved flexibly across different monitors
- picture sections can be cut out and displayed
- several monitors can be combined to a video wall
- Scalable mouse glide & Switch e.g. 4 monitors in 4K can display up to 64 images in real time
- Video wall function - 2 scaled images can be upscaled and can be displayed as full screen by means of partial cropping.
- 4 units in 1 U
- Latency 0.47ms

Full HD

For Full HD sources, MAXflex dual local in fiber or copper with Scalable Remote Unit becomes an ultra-flexible ScalableLine.

4K

4K ScalableLine - a 4K Scalable Local Unit is combined with a Scalable Remote Unit.

move - zoom - cut it out - PIP

TECHNICAL SPECIFICATIONS

SCALABLE LINE - 4K	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	2 x 10G SFP+	
casing material material dimension (WxHxD) dimension inch weight Delivery weight SET	anodized aluminium ca W 109 x H43 x D 184 mm ca W 4.2 x H1.6 x D 7.2 inch 610g/1.34 lbs 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 3A power supply	1 x 12 VDC 3A power supply
Cable	1 x DP-DP cable 1.8m/5.9ft 1 x USB-A cable 1.8m/5.9ft	
	1 x SFP+Multimode Modul up to 300m/984ft alt Single Mode Modul up to 10 km /6.2mi	1 x SFP Modul up to 300m/984ft
Mounting	4 x rubber feet 1 x Quickinstruction	

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TECHNICAL SPECIFICATIONS

SCALABLE LINE - Full HD	Maxflex Dual in copper or fiber Local (CPU/TX) Scalableline remote Unit (CON/RX Scalable Line)	
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Operation environment	0 °C bis 45 °C (32 to 113 °F)	
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RS 232 interface	transparent up to 115200 baud +/-5V,CTS/DTR handshake	
Audio	analog / embedded 16bit, 44kHz, 2ch	
Videointerface	Displayport 1.2	
kvm-link	loc SFP 1G/RJ45 , rem 2 x 10G SFP+	
casing material material dimension (WxHxD) dimension inch weight Delivery weight SET	anodized aluminium ca W 109 x H43 x D 184 mm ca W 4.2 x H1.6 x D 7.2 inch 610g/1.34 lbs loc/CPU 2440g /5.73lbs	
Laser	Class 1 Laser Product 1 to DIN 40008/EN and VDE 0837	
Delivery content		
devices	1 x MA2 copper or ber local	1 x Scalable Remote
Power supply	1 x 12 VDC 3A power supply	1 x 12 VDC 3A power supply
Cable	1 x DVI-DVI cable 1.8m/5.9ft 1 x USB-A cable 1.8m/5.9ft	
	1 x SFP+Multimode Modul up to 300m/984ft alt Single Mode Modul up to 10 km /6.2mi	1 x SFP Modul up to 300m/984ft
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Part Number

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	Maflex Extender Dual – LocalUnit /CPU EAN 0798190109299 UPC 051497113070
GV5JU	9003	warranty extension flexible per unit