

Multiview System

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

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

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 flexibility with USB devices as USB2.0 was developed in-house.

SCALABLELINE in Full HD and 4K

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.
- Multihead within one monitor
- Assignment of any source via the user interface
- Super fast switching
- Latency 0.47ms
- 4 units in 1 U
- Scenarios can be switched via shortcuts and keyboard
- sound embedded / sound analog
- RS 232
- software feature: scalable mouse glide & switch
- 4 units in 1 U

Full HD

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



local
Maxflex Dual
copper or fiber



remote
Scalableline

4K

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



local
Scalableline

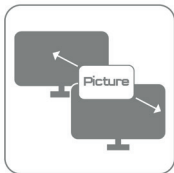


remote
Scalableline

move - zoom - cut it out - PIP



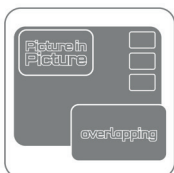
16 Sources
up to 16 sources can be displayed on one monitor, scaled and operated as desired



Move
Images can be moved flexible across different monitors



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



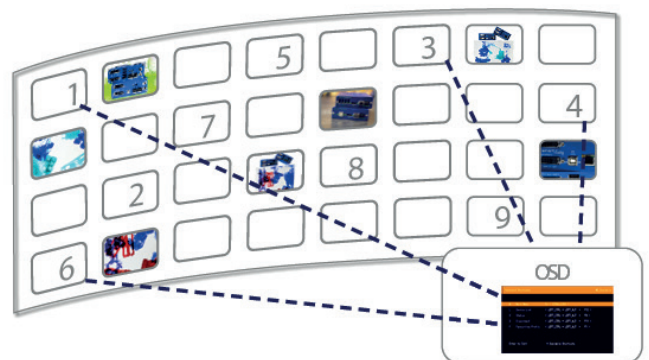
PIP und overlapping
Picture in Picture Display and overlapping windows lapping windows



Videowalls
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



videowall .. up to 64 sources

Assignment of any sources via the user interface

Multiview Systems

Scalable *line*

TECHNICAL SPECIFICATIONS

4K

move - zoom - cut it out - PIP

SCALABLE LINE - 4 K	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+	
videocompression	kvm-tec compression	
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	

Multiview System

Scalable *line*

TECHNICAL SPECIFICATIONS

Full HD

move - zoom - cut it out - PIP

SCALABLE LINE Full HD	Maxflex Dual in copper or fiber Local (CPU/TX) Scalableline 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	loc SFP 1G/RJ45 , rem 2 x 10G SFP+	
videocompression	kvm-tec compression	
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/5.73	
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 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/984 ft	1 x SFP Modul up to 300m/984ft
	alt Single Mode Modul up to 10 km /6.2mi	
Mounting	4 x rubber feet 1 x Quickinstruction	

Multiview System

Scalable *line*

PART. NUMBER

4K & Full HD

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

move - zoom - cut it out - PIP