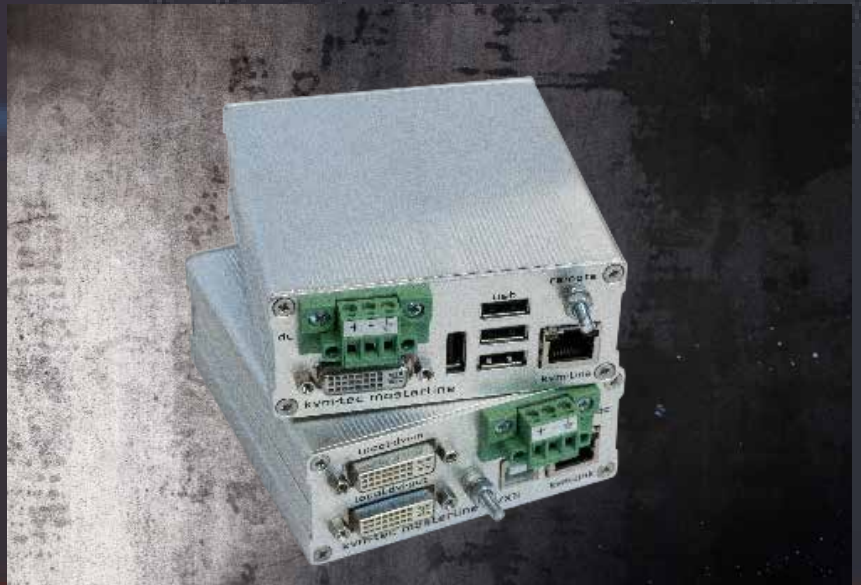


## KVM Extender over IP



The Industryline Extender over IP is the reliable and robust solution for 24/7 operation in industry. Power, Ground and Shield are separated. The Industryline Extender can be operated directly in 24 Volt networks and has a range of 150m / 492 ft. at a resolution of 1920x1200 @60Hz and is available in copper as single version. The perfect tuning of kvm-tec video compression with a low latency allows a delay-free transmission of the signals. USB and video is transmitted via CAT5e/6/7 cable. With DVI extension without loss of quality, Full HD videos can be transmitted in real time. The transparent USB 2.0 interface already supports tablets and touch screens, sound modules, printers and much more in the standard version. The USB upgrade is available for memory sticks and USB hard drives. High reliability and robust design make the kvm-tec extender ideal for many industrial applications. The kvm-tec feature „USB save“ prevents the intrusion of viruses via the USB interface by deactivating mass storage devices. With the Switching Upgrade the MVX1i Extender can be integrated with standard network components in Matrix Switching Systems up to 48 endpoints.

### kvm-tec upgrades

*pre-installed and unlockable*

- USB memory
- Analog VGA - transmitted as DVI
- Matrix Switching System up to 48 endpoints

**Power, ground & shield separated 12-24 Volt**  
**DVI-D -USB 2.0 Extender over IP**  
**Resolution 1920x1200@60 Hz**  
**Max. distance 150 m / 492 ft. in copper**  
**Full HD videos in real time**  
**USB 2.0 transparent**  
**Only one CAT5e/6/7 cable for USB and video**  
**Can be used in the Matrix Switching System up to 48 endpoints**

### .... smart connections

**USB save feature**  
**Automatic plug & play installation**  
**DVI extension without loss of quality**  
**Ultra compact up to 4 extenders in 19" 1RU**  
**Local (CPU) / remote (CON) Monitoroutput**  
**Firmware Flash Upgrade without cable**  
**Transmission rate max 480 Mbit/s**  
**19" rack mountable**  
**Warranty 2 years, warranty extension to 5 years**

6701iL Local CPU unit

6701iR Remote CON unit



Technical Specifications

		MVX1i Local/CPU	MVX1i Remote/CON
<b>Interfaces</b>	Video	1 x DVI-D in, DVI-I in opt 1 x DVI-D out	1 x DVI-D out  4 x USB-A (devices)
	USB 2.0	1 x USB-B to PC	
<b>Video</b>	Signal type Resolution (digital) Resolution (analog) opt Color Mode	DVI-D max. 1920x1200 @ 60Hz max. 1920x1200 @ 60Hz 24bit	DVI-D max. 1920x1200 @ 60Hz max. 1920x1200 @ 60Hz 24bit
<b>USB</b>	Spezification: Type: Rate:	USB 2.0 transparent max. 480 Mbit/s mass storage & camera optional	USB 2.0 transparent max. 480 Mbit/s mass storage & camera optional
<b>Casing</b>	Material Dimension (B x H x T) Weight Shipment weight SET 1,30 kg /2,86 lb	anodized aluminum 97,5 x 40 x 103,5 mm/ 3,83 x 1,57 x 4,07 inch 302g/0,66 lb 0,70kg/1,54 lb	anodized aluminum 97,5 x 40 x 103,5 mm/3,83 x 1,57 x 4,07 inch 291g/0,64 lb 0,55kg/1,21 lb
<b>Power supply</b>	Type	12 V /1A - 24V/0,5A	12V /1A - 24V/0,5A
<b>Power input</b>	Operation	6W	6W without USB devices
<b>Operation environment</b>	Temperature Humidity	0 to+45 °C /32 to113 °F < 80%, non condensing	0 to +45 °C /32 to 113 °F < 80%, non condensing
<b>Storage environment</b>	Temperature Humidity	-25 to 80 °C /-13 to 176°F < 80%, non condensing	-25 to 80 °C /-13 to 176 °F < 80%, non condensing
<b>Cooling</b>		free air convection	free air convection
<b>MTBF</b>		82.820 calculated hours appro 10 years	82.820 calculated hours appro 10 years
<b>Conformity</b>		CE, FCC	CE, FCC
<b>Warranty</b>		2 years (5 years optional)	2 Years (5 years optional)
<b>Delivery content</b>	Devices	1 x MVX1i local (CPU)	1 x MVX1i remote (CON)
	Power supply	without power supply 1 x power connector	without power supply 1 x power connector
	Cable	1 x DVI - DVI cable 1,8m/5,9ft 1 x USB cable 1,8m/5,9ft 1 x VGA -DVi cable ,8m/5,9ft (opt)	
	Mounting	4 x rubber feet	4 x rubber feet
	Manual	Quickinstallation manual download: www.kvm-tec.com /support	

### Part No: & short description

Part No	Order Nr	short description
6701i 6701L 6701R	MVX1i MVX1iL MVX1iR	Industryline Extender Single – Set Industryline Extender Single –Local Unit (CPU) Industryline Extender Single –Remote Unit (CON)
		UPC 051497031855 UPC 051497032425 UPC 0514970315432
6841 6840 6842	MVX1-MO MVX1- VGA MVX1-SWO	USB Memory upgrade Analog VGA upgrade MVX1 Swtiching upgrade (Switching over OSD menu)
4002	KVM-SM48	UPC051497031824 The intelligent software - kvm-tec Switching Manager enables convenient and intuitive management of KVM extenders in the switching system - up to 48 endpoints
9003 9002	GV5JU GV5J	Warranty extension to 5 years per UNIT Warranty extension to 5 years per SET
ADD-ONS 6130 6131 6132	RMK-F RMK-FN RMK-FRN	Rack Mounting Kit with front panel Rack Mounting Kit with frontpanel and Power supply Rack Mounting Kit with frontpanel and red. Power supply
		UPC051497031718 UPC 051497031732 UPC051497031749
6135 6136 6736	UMK TSB VH	Mounting Kit for under the table Din Rail Mounting Kit 6136 Vesa Mounting

POINT TO POINT CONNECTION



point to point max. distance 150m/492ft in copper

SWITCHING SYSTEM



Switching System opt up to 48 endpoints