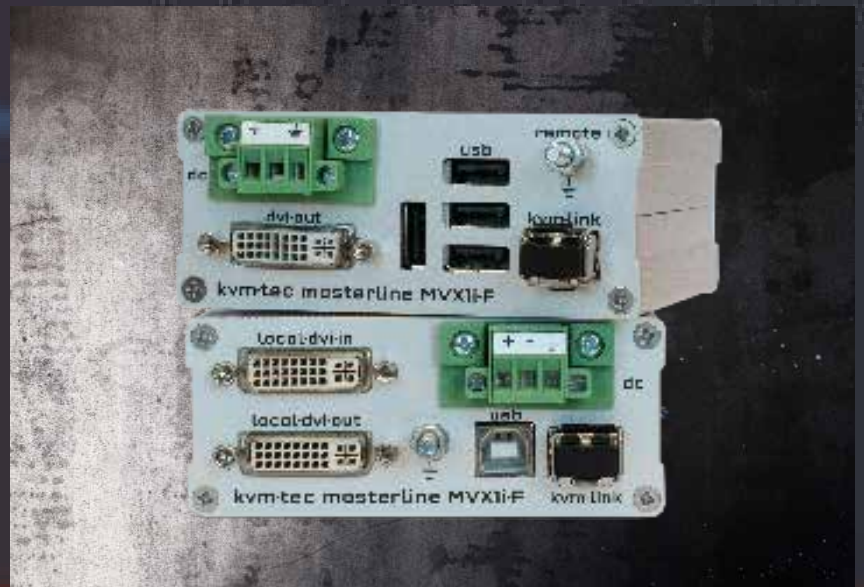


INDUSTRYLINE FIBER

simple

kvm-tec

KVM Extender over IP



The Industryline Extender over IP is the reliable and robust solution for 24/7 operation in industry. Power, Ground & Shield are separated. The Industryline Extender can be operated directly in 24 Volt networks. The highly optimized KVM Extender has a range of 160km/99 mi. at a resolution of 1920x1200 @60 Hz and is available in fiber 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 a duplex multimode fiber cable (LC). 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. A USB option is available for memory sticks and USB hard drives. High reliability and robust design make the low-cost kvm-tec extender ideal for many 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 Industryline 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

www.kvm-tec.com

Power, ground&shield separate

DVI-D -USB 2.0 Extender over IP

Max. resolution 1920x1200 @ 60 Hz

Max distance 160km/ 99mi in fiber
(SFP Module opt)

SFP Multimode up to 500m/1640ft - Single Mode
bis up to 20 km/12mi

USB 2.0 transparent - in house development

one duplex multimode fiber 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

USB transfer rate max 480 Mbit/s

19" rack mountable

Warranty 2 years, warranty extension
to 5 years possible

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6801i-FL Local CPU unit

6801i-FR Remote CON unit



Technical Specifications

		MX1i Local/CPU	MX1i Remote/CON
Interfaces	Video	1 x DVI-D in, DVI-I in opt 1 x DVI-D out	1 x DVI-D out
	USB 2.0	1 x USB-B to PC	4 x USB-A (devices)
Video	Signal type	DVI-D	DVI-D
	resolution (digital) resolution (analog) opt Color mode	max. 1920x1200 @ 60Hz max. 1920x1200 @ 60Hz 24bit	max. 1920x1200 @ 60Hz max. 1920x1200 @ 60Hz 24bit
USB	Spezifikation:	USB 2.0	USB 2.0
	Type: Rate:	transparent max. 480 Mbit/s Mass storage & camera optional	transparent max. 480 Mbit/s mass storage & camera optional
Casing	Material	anodized aluminum	anodized aluminum
	Dimension (B x H x T)	97.5 x 40 x 103.5 mm/ 3,83. x 1,57 x 4,07 inch	97.5 x 40 x 103.5 mm/3,83. x 1,57 x 4,07 inch
	Weight	302g/0,66 lb	291g/0,64 lb
	Shipment weight SET 1,30 kg /2,86 lb	0,70kg/1,54 lb	0,55kg/1,21lb
Power supply	Type	12V/1A- 24V/0,5A	12V/1A-24V/0,5A
Power input	Operation	6W	6W without USB devices
Opüeration environment	Temperature	0 to +45 °C /32 to 113 °F	0 to +45 °C /32 to 113 °F
	Humidity	< 80%, non condensing	< 80%, non condensing
Storage environment	Temperature	-25 bis 80 °C /-13 to 176F	-25 bis 80 °C /-13 to 176 F
	Humidity	< 80%, non condensing	< 80%, non condensing
Cooling		free air convection	free air convection
MTBF		82.820 calculated hours approx.10 years	82.820 calculated hours approx 10 years
Conformity		CE, FCC	CE, FCC
Warranty		2 years (5 Jyears opti)	2 years (5 years opt)
Delivery content	Devices	1 x MX1i-i-F local (CPU)	1 x MX1i-F 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) 1 x SFP Module Multimode up to 500m/1640 ft. (alternativ with Single-Mode up to 20km/12 mi) ItemNr 6831	1 x SFP Module Multimode up to 500m/1640ft.Item Nr 6832
	SFP		
	Mounting	4 x rubber feet	4 x ruber feet
	Manual	Quickinstallation Manual download: www.kvm-tec.com/support	

Part Number & short description

Part No	Order No	Short description
6801i 6801L	MVX1i-F MVX1-FL	Industryline Extender Single Fiber - Set Industryline Extender Single Fiber -Local Unit (CPU) UPC 051497032449
6801R	MVX1i-FR	Extender Single Fiber -Remote Unit (CON) UPC 051497032456
6841 6840 6842	MVX1-MO MVX1- VGA MVX1-SWO	USB Memory upgrade Analog VGA upgrade MVX1i 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.
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 RMKF RMK-FRN	Rack Mounting Kit with front panel Kit UPC051497031718 Rackmounting Kit with front panel and Power supply UPC 051497031732 Rackmounting Kit with front panel and red. Power supply UPC051497031749
6135 6136 6736	UMK TSB VH	Mounting Kit for under the table Din Rail Mounting Kit 6136 Vesa Mounting
SFP Module 7009 7010 7007 7011	LWLMM LWLSM20 LWLSM80 LWLBI DI	LWL Multi Mode - SFP Modul up to 500m/1640ft LWL Single Mode - SFP Modul up to 20km/12mi LWL Single Mode - SFP Modul up to 80km/50mi LWL Single Mode - SFP Modul BiDi Set 20km/ 12mi
6831i	AL-MVXi-SM	alternativ Single Mode up to 20km/12mi

POINT TO POINT CONNECTION



point to point max. distance 160km/99mi in fiber

SWITCHING SYSTEM



Switching System optional up to 48 endpoints