

Masterline MVX2-F

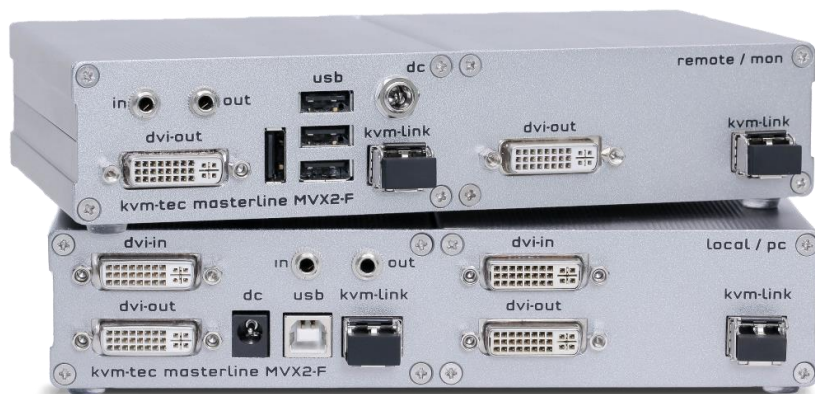
Part.no: 6802

The universal genius with many options

DVI / VGA USB 2.0 KVM-Extender Fibre / 500m / 20km / 80km

Matrix Switching Option

USB Save Feature



- Max. 1920x1200 resolution @ 60 Hz
- max distance 160 km (99mi) in fiber
- Transparent USB 2.0 extension
- Full HD video in real time
- DVI extension without loss of quality
- Ultra compact up to 4 Extender in 19" 1 RU
- Automatic plug & play installation
- Two CAT5/6/7 cables for USB and video
- Local (CPU) – remote (CON) Monitor output
- Firmware Flash upgradeable without cable
- high reliability and rugged design
- 19" rack mountable
- Srew-locked DVI jack

kvm-tec upgrade codes– pre installed and unlockable without codes

- USB Memory
- Matrix Switching System
- Sound analogue in both directions in CD quality
- Analogue VGA – converted as DVI
- RS232

Special solutions

- Single Mode SFP module 20km (12mi)
- Single Mode SFP module 80km (49,7mi)
- BiDi. Single Mode SFP module 10km (6,2mi)
(1 fiber operation)

Additionally, the kvm-tec security feature - **USB save** – prevents the intrusion of computer viruses via the interface by disabling mass storage devices support such as USB memory sticks and external hard disk drives.

With the **switching option** the MVX2-F Extender can be used with a standard network switch to create a full KVM Matrix Switching System without any additional hardware. Additionally, our intelligent software, the **kvm-tec Switching Manager** (available separately) provides easy and intuitive management of all KVM Extenders in a Switching System.

A low cost, 5 year extended warranty is also available.

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TECHNIAL SPECIFICATIONS

		MVX2-F Local/CPU	MVX2-F Remote/CON
Interfaces	Video: USB 2.0: Audio: RS232: (optional)	2 x DVI-I in (no HDCP) 2 x DVI-I out 1 x USB-B to PC 1 x 3,5mm jack plug (Line In) 1 x 3,5mm jack plug (Line out) 1 x D-Sub connector (female)	2 x DVI-D out 4 x USB-A (devices) 1 x 3,5mm jack plug (Line In) 1 x 3,5mm jack plug(Speaker) 1 x D-Sub connector(male)
Video	Signal type: resolution (digital): resolution (analogue): opt. Colour mode:	DVI-I max. 1920x1200 @ 60Hz max. 1920x1200 @ 60Hz 24bit	DVI-D max. 1920x1200 @ 60Hz max. 1920x1200 @ 60Hz 24bit
Audio (Optional)	Typ: Bandwith:	analog 16bit, 44kHz, 2ch	
USB	Spezifikation: Type: Transmission rate:	USB 2.0 transparent max. 480 Mbit/s mass storage devices and cameras optional	
RS232 (optional)	Type: Rate: Signals:	transparent max. 230.400bps TxD, RxD, DTR, DSR, RTS, CTS, DCD	
Casing	Material: Dimension (W x H x D): Weight	anodized aluminum 198 x 40 x 103,5 mm (7,79x1,57x4,07") 604g (21,3 oz.)	anodized aluminum 198 x 40 x 103,5 mm (7,79x1,57x4,07") 582g (20,5oz.)
Power supply	Type:	external power supply 12 VDC 2A	External power supply 12 VDC 2A
Power input	Operation:	12W	12W without USB devices
Operation environment	Temperature: Humidity	0 bis +45 °C (32 to 133 °F) < 90%, non condensing	0 bis +45 °C (32 to 133 °F) < 90%, non condensing
Storage environment	Temperature: Humidity:	-25 bis 80 °C (-13 to 176 °F) < 90%, non condensing	-25 bis 80 °C (-13 to 176 °F) < 90%, non condensing
Cooling		free air convection	Free air convection
MTBF		82.820 calculated hours approx.10 years	82.820 calculated hourd approx.10 years
Conformity		CE, FCC	CE, FCC
Warranty		2 years (5 years opt)	2 years (5 years opt)
Delivery including Laser class 1 DIN 40008/EN and VDE 0837	devices: power supply: Cable: SFP-Module: Mounting:	1 x MVX2-F local (CPU) 1 x power supply12V 2A (EU-plug) 2 x DVI - DVI cable 1,8m (5,9ft) 1 x USB cable 1,8m (5,9ft) 2 x VGA - DVI cable 1,8m/5,9ft (opt.) 2x Audio cable 1,8m/5,9ft (opt.) 1 x SFP Module-Multimode up to 500m(1640ft) (Optional with Single-Mode up to 20km/12mi) 4 x rubber feet 4 x Mounting pads	1 x MVX2-F remote (CON) 1 x power supply12V 2A (EU-plug) 1 x SFP Module Multimode up to 500m(1640ft) (Optional with Single-Mode up to 20km/12 mi) Quickstart manual

APPLICATION

MAX DISTANZ 160 KM (99mi) IN FIBER

POINT TO POINT CONNECTION



SWITCHING SYSTEM OPTIONAL

SWITCHING SYSTEM

