

# master Easy



## FULL HD - KVM EXTENDER OVER IP Tune in the easy KVM World

KVM Extender over IP in single DVI, DVI-D,  
KVM Extender VGA & KVM Extender USB in FIBER

masterEASY single is a highly optimized KVM Extender over IP for distances up to 160km/492ft with a resolution of 1920x1200@60Hz and is available in Fiber. masterEASY KVM Extender convince by an ultra flat housing  
- 4 single units in 1RU, have embedded sound and are compatible with standard Network components.  
Video sharing, USB sharing, multihead.

### ... masterEASY single FIBER

- DVI-D/ USB2.0  
KVM Extender over IP
- single in Fiber
- max resolution  
1920 x 1200 @60 Hz
- max distance 160km/99mi
- 4 single masterEASY KVM Extender in 1RU
- Sound embedded
- Full HD Videos in real time
- USB transmission rate max 480Mbit/s
- only one cable for USB & Video
- DVI extension without loss of quality
- Feature - freeze last image
- Local/CPU -Remote/CON Monitor Output
- Single Units :redundant for point to point , in the Matrix Switching System with Switch
- Upgrades: USB & Sound

part. Nr 8113



Fiber remote



Fiber local

Let's connect!  
KVM can be so simple  
kvm-tec

www.kvm-tec.com





### All in one go

Matrix Switching Systems up to  
56 Endpoints without user system



### Bridging - Easy Switching without switch

with **Frontbridging** 2 Local EASYline Extenders can be bridged to 1 remote dual Extender (2 network sockets) & thus one or two screens can display the contents of the PCs simultaneously with different images and can be operated either right or left.

**2 local single Unit + 1 remote dual Unit = Bridging on 1 or 2 screens**



With **Backbridging** from one dual local extender can be shared to two single remote extenders. For all applications that require monitoring at different locations

**1 dual local Unit + 2 remote Units = Bridging or Sharing on 1 or 2 screens**



### Easy Cross Move - Software feature

both PCs can be operated with one mouse and one keyboard

**2 local Units + 1 remote Unit = Easy Cross Move with 1 keyboard & 1 mouse**

Switching and VGA included

## Technical Specifications

		ME1-F Local/CPU	ME1-F Remote/CON
Interfaces	Video	1 x DVI in (no HDCP) 1x DVI out	1x DVI-D out
	USB 2.0	1 x USB-B to PC	4 x USB-A (devices )
	Audio	1 x 3,5mm jack (Line In) 1 x 3,5mm jack (Line out)	1 x 3,5mm jack ( line in) 1Vpp 1 x 3,5mm lack (headphone) 2 x 10 mW@32Ohm
Video	Signal type	DVI-D	DVI-D
	Resolution (digital)	max. 1920x1200 @ 60Hz	max. 1920x1200 @ 60Hz
	Signal type	DVI-I	DVI-I
	Resolution (analog) (opt.) Color mode	max. 1920x1200 @ 60Hz 24bit	max. 1920x1200 @ 60Hz 24bit
Audio	Type	analogue	analogue
	Bandwidth	16bit, 44kHz, 2ch	16 bit, 44kHz, 2ch
USB	Specification	USB 2.0	USB 2.0
	Type	transparent	transparent
	Rate	max. 480 Mbit/s mass storage devices & camera optional	max. 480 Mbit/s mass storage devices & camera optional
Casing	Material	anodized aluminum	anodized aluminum
	Dimension (w x H x D)	108 x 43 x 107,5 mm	108 x 43 x 107,5 mm
	Weight	4.25 x 1.69 x 4,23 inch	4.25 x 1.69 x 4.29 inch
	Shipping weight	295 g / 0.65 lb	295 g/ 0.65 lb
	SET	1895 g /4.17 lb	shipment weight 1005g/2,21 lb shipment weight 890 g/ 1.96lb
Power Supply	Type	wall power supply unit 12 VDC 1A redundant max 35 V	wall power supply unit 12 VDC 1A redundant max 35 V
	Power Input	Operation	12W
Operation 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 to 80 °C /-13 to 176 F	-25 to 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 years optional)	2 years (5 years optional)
Delivery content	Devices	1 x ME-F local (CPU)	1 x ME1-F remote (CON)
	Power Supply	1 x wall power supply unit 12V 1A (EU-plug or INT plug)	1 x wall power supply unit 12V 1A (EU-plug or INT plug)
	Cables	1 x DVI - DVI cable 1,8m (5.9ft)	
		1 x USB cable 1,8m (5.9ft)	
		1 x VGA-DVI cable 1,8m (5.9ft) opt	
	SFP Modules	2 x SFP Module Multimode up to 500m/1640ftduplex LC (alternative with Single mode up to 20km/12mi Item Nr 6835	2 x SFP Module Multimode up to 500m/1640ft duplex LC (alternative with Single mode up to 20km/12mi Item Nr 6835
	Mounting	4 x rubber feet	4 x rubber feet
Manual	Quickinstallation manual download: www.kvm-tec		

## part number & short description

part.Nr	Order Nr	short description
8113	ME1 -F	masterEASY Extender Single – Set EAN00798190112138 UPC51497115494
8113L	ME1L-F	masterEASY Extender Single –Local Unit /CPU EAN 0798190112145 UPC 51497115500
8113R	ME1R-F	masterEASY Extender Single –Remote Unit /CON EAN 0798190112152 UPC5151497115517
8143	ME-MO	masterEASY USB Memory Upgrade EAN 0798190109244 UPC 051497113025
8141	ME-SO	masterEASY Sound Upgrade EAN 0798190109220 UPC 0798190109220
9003 9002	GV5JU GV5J	Warranty extension to 5 years per UNIT Warranty extension to 5 years per SET
ADD-ONS 6231	UMK-EASY	Rack Mounting Kit for under the table EAN 0798190109466 UPC 051497113247
6232	RMK-EASY-F	Rack Mounting Kit with front panel for EAN 0798190109473 UPC 051497113254
6233	RMK-EASY-FN	Rack Mounting Kit with front panel and Power supply EAN 0798190109480 UPC 051497113261
6234	RMK-EASY	Rack Mounting Kit with front panel and redundand Power supply EAN 0798190109503 UPC 051497113285
6235	DINMK-EASY	Din Rail Mounting EAN 0798190109510 UPC 051497113292
6236	VH EASY	Vesa Mounting EAN 0798190109527 UPC 051497113308

## KVM High Performance System FULL HD & 4K KVM Extender



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