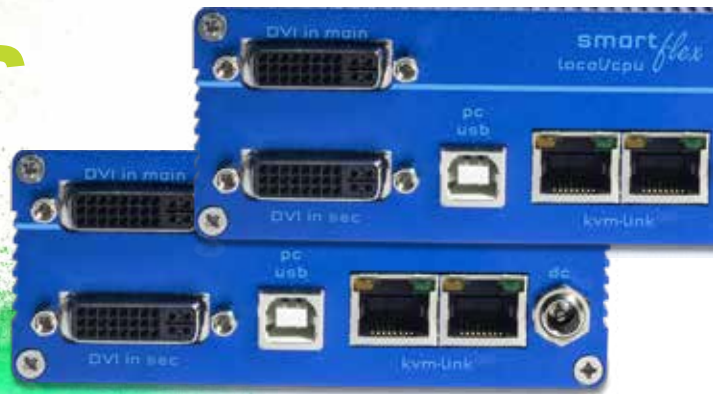


# master Easy



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

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

masterEASY dual is a highly optimized KVM Extender over IP for distances up to 160km/99mi with a resolution of 1920x1200@60Hz and is available in Fiber. masterEASY KVM Extender convince with an ultra flat housing - 4 dual units (8 video streams) in 1 RU, have embedded sound and are compatible with standard Network components. Video sharing, USB sharing, multihead.

### ... masterEASY dual FIBER

- DVI-D/ USB2.0  
KVM Extender over IP
- dual in Fiber
- max resolution  
1920 x 1200 @60 Hz
- max distance 160km
- 4 dual 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
- upgrades: sound & USB

part. Nr 8123



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

|                       |  | ME2-F Local/CPU   | ME2-F Remote/CON   |
|-----------------------|--|---|--|
| Interfaces            | Video                                    | 2 x DVI in (no HDCP)                                      | 2x 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)<br>1 x 3,5mm jack (Line out)     | 1 x 3,5mm jack (Line In) 1Vpp<br>1 x 3,5mm lack (headphone )<br>2 x 10mW@320 Ohm |
| Video                 | Signal type                              | DVI-D   | DVI-D  |
|                       | Resolution (digital)                     | max. 1920x1200 @ 60Hz                                     | max. 1920x1200 @ 60Hz  |
|                       | Signal type                              | DVI-I   | DVI-I  |
|                       | Resolution (analog) (opt.)<br>Color mode | max. 1920x1200 @ 60Hz<br>24bit                            | max. 1920x1200 @ 60Hz<br>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<br>mass storage devices & camera optional | max. 480 Mbit/s<br>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<br>12 VDC 1A<br>max 35V            | wall power supply unit<br>12 VDC 1A<br>max 35 V                                  |
|                       | Operation                                | 12W   | 12W without USB devices  |
| 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<br>approx. 10 years               | 82.820 calculated hours<br>approx. 10 years                                      |
| Conformity            |  | CE, FCC   | CE, FCC  |
| Warranty              |  | 2 years (5 years optional)                                | 2 years (5 years optional)   |
| Delivery content      | Devices                                  | 1 x ME2-F local (CPU)                                     | 1 x ME2-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                                   | 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                        |  |
|                       | Modules                                  | 2 x SFP module Multimode up to 500m/1640ft                | 2 x SFP module Multimode up to 500m/1640 ft                                      |
|                       | Mounting                                 | (alternativ with Single-mode up to 20km/12mi Item 6835    | (alternativ with Single-mode up to 20km/12mi Item 6835                           |
| Manual                | 4 x rubber feet                          | 4 x rubber feet   |  |
|                       |  | Quickinstallation<br>manual download: www.kvm-tec         |  |

## Part Number & Short description

| Part.Nr         | Order Nr      | short description   |
|-----------------|---------------|---|
| 8123            | ME2-F         | masterEASY Extender Dual Fiber – Set EAN 0798190112169<br>UPC 51497115524                           |
| 8123L           | ME2L-F        | masterEASY Extender Dual Fiber –Local Unit /CPU<br>EAN 0798190112145 UPC 51497115531                |
| 8123R           | ME2R-F        | masterEASY Extender Dual Fiber –Remote Unit /CON<br>EAN 0798190112183 UPC 51497115548               |
| 8143            | ME-MO         | MASTERflex USB Memory Upgrade<br>EAN 0798190109244 UPC 051497113025                                 |
| 8141            | ME-SO         | masterEASY Sound Upgrade<br>EAN 0798190109220 UPC 0798190109220                                     |
| 9003<br>9002    | GV5JU<br>GV5J | Warranty extension to 5 years per UNIT<br>Warranty extension to 5 years per SET                     |
| ADD-ONS<br>6231 | UMK-EASY      | Rack Mounting Kit for under the table<br>EAN 0798190109466 UPC 051497113247                         |
| 6232            | RMK-EASY-F    | Rack Mounting Kit with front panel for<br>EAN 0798190109473 UPC 051497113254                        |
| 6233            | RMK-EASY-FN   | Rack Mounting Kit with front panel and Power supply<br>EAN 0798190109480 UPC 051497113261           |
| 6234            | RMK-EASY      | Rack Mounting Kit with front panel and redundand Power supply<br>EAN 0798190109503 UPC 051497113285 |
| 6235            | DINMK-EASY    | Din Rail Mounting<br>EAN 0798190109510 UPC 051497113292   |
| 6236            | VH -EASY      | Vesa Mounting<br>EAN 0798190109527 UPC 051497113308   |

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



*Let 's connect!*  
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