FLEXline

USB *flex*

KVM USB EXTENDER OVER IP

USBflex Extender over IP is the active extension for USB 2.0 high speed signals. USBflex is available in fiber as single version for distances up to 160km/99mi. For point to point and switching systems up to 1000 endpoints.

KVM Extender over IP

... USBflex single in fiber

USB2.0 Extender over IP

single in fiber

max distance 160km/99mi

USB transmission Rate max 480Mbit/s

PoE version (PoE capable network switch)

Point-to-point or matrix switching system

(switch Layer3)

USB 2.0 in house development

The in-house developed USB 2.0 implementation supports typical USB devices such as touch screens, sound modules, printers and similar components. In addition, support for storage devices such as thumb drives and USB HDDs can be enabled or disabled as needed, adding another layer of security. And of course, keyboards and mice are also supported.

Infrastructure

USBflex Local and Remote Units have a slim form factor. They fit easily under a desk and up to four units can be mounted in a 19" rack. The single-sided orientation of the interfaces allows for easy access during setup and maintenance. Flexline has a fanless design for quiet and ergonomic workspaces.

Compatibility

USBflex extenders are compatible with ECOsmart and all extenders of the Flexline series. In matrix setups they can be combined with media4Kconnect and Scalableline extenders to form a homogeneous system managed by the Switching Manager.

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V1022

Full HD over IP

Technical Specifications

		UB1-F Local/CPU	UB1--F Remote/CON
Interfaces	USB 2.0	1 x USB-B to PC	4 x USB-A (devices)
USB	Spezification Type Rate	USB 2.0 transparent max. 480 Mbit/s	
Casing	Material Dimension (w x H x D) Weight Shipping weight SET 1895 g /4.17 lb	anodized aluminum 108 x 43 x 107,5 mm 4.25 x 1.69 x 4,23 inch 295 g / 0.65 lb shipment weight 1005g/2,21 lb	anodized aluminum 108 x 43 x 107,5 mm 4.25 x 1.69 x 4,23 inch 295 g / 0.65 lb shipment weight 890gg/1.96 lb
Power Supply	Type	external power supply 12 VDC 2A max 35V	external power supply 12 VDC 2A max35V
Power Input	Operation	6W	6W without USB devices
Operation environment	Temperature Humidity	0 to +45 °C (32 to 133 °F) < 90%, non-condensing	0 to +45 °C (32 to 133 °F) < 90%, non-condensing
Storage enviroment	Temperature Humidity	-25 to 80 °C (-13 to 176 °F) < 90%, non-condensing	-25 to 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 hours approx.10 years
Conformity		CE, FCC	CE, FCC
Warranty		2 years (5 years opt.)	2 years (5 years opt.)
Delivery including	Devices	1 x UB1--F local (CPU)	1 x UB1-F remote (CON)
	Power Supply	1 x Wall power supply 12V 2A (EU-plug)	1 x Wall power supply 12V 2A (EU-plug)
	Cables	1 x USB A-B cable 1.8m (5,9ft)	
	SFP Module	1 x SFP Module-Multimode up to 500m (1640 ft) (Optional with Single-Mode up to 20km – 12mi)	1 x SFP Module-Multimode up to 500m (1640 ft) (Optional with Single-Mode up to 20km – 12mi)
	Mounting	4 x rubber feet Quickinstrution	4 x rubber feet

Part Number & Short Description

Part No.	Order No.	Short description
KT - 6032	UB1-F	USBflex UB-Flex Fiber – Set *EAN 0798190109435 UPC 051497113216*
KT - 6032L	UB1-FL	USBflex UB-Flex Fiber – Local Unit /CPU *EAN 0798190109442 UPC 051497113223*
KT - 6032R	UB1-FR	USBflex UB-Flex Fiber – Remote Unit /CON EAN 0798190109459 UPC 051497113230
KT - 9003 KT - 9002	GV5JU GV5J	Warranty extension to 5 years per UINIT Warranty extension to 5 years per SET
ADD-ONS KT - 6231	UMK-FLEX	Rack Mounting Kit for under the table for FLEXline *EAN 0798190109466 UPC 051497113247*
KT - 6232	RMK-FLEX-F	Rack Mounting Kit with front panel for FLEXline EAN 0798190109473 UPC 051497113254
KT - 6233	RMK-FLEX-FN	Rack Mounting Kit with front panel and Power supply EAN 0798190109480 UPC 051497113261
KT - 6234	RMK-FLEX	**Rack Mounting Kit with front panel and redundant Power supply for FLEXline** EAN 0798190109503 UPC 051497113285
KT - 6235	DINMK-FLEX	Din Rail Mounting for FLEXline EAN 0798190109510 UPC 051497113292

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