

Data sheet:

USB Server Megabit 2.0



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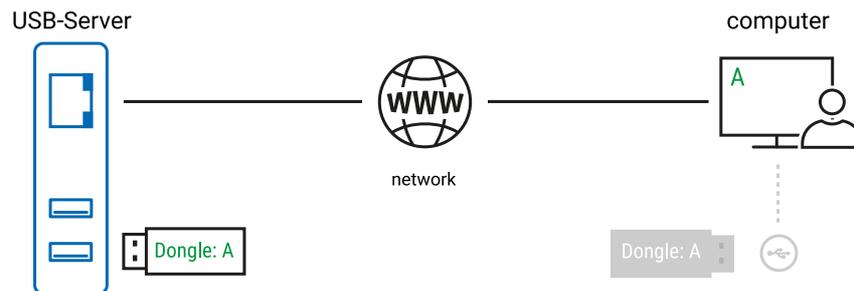
EUR 298.00

*Net price for commercial users

Downloads

USB devices anywhere in the network

The Megabit 2.0 USB Server integrates USB devices into your industrial network via TCP/IP Ethernet. The USB devices connected to the USB Server behave just as if they were connected directly to your Windows or Linux PC.



Properties

Interfaces:

- **2x USB 2.0**
 - An external USB hub supports up to 8 USB devices
 - Simultaneous connection of PC A to USB1 and PC B to USB2 is possible
- **1x Ethernet 100BaseT**
 - Autosensing/Auto-MDIX

Management and connectivity:

- **Remote configuration**
 - Startup using WuTility
 - DHCP
 - Web-Based-Management
- **Fully USB 2.0 compatible**
 - Supports all USB modes (Control, Bulk, Interrupt, Isochron)
 - Each port has up to 500mA load capacity
- **High data throughput**
 - Network connection via 100Mbit/s Ethernet
 - Low latencies thanks to high performance hardware platform
- **Fully TCP/IP support incl. routing and DNS**
- **USB Redirector for Windows and Linux systems**
 - Rugged USB communication thanks to long years of experience
 - Automatic connections possible without user login or interaction
 - Supports script-based controller

Power supply:

- **External supply**
 - Screw terminals, 24 - 48V DC
- **Power-over-Ethernet (PoE)**

Standards & more

- **Conforms to standards both in office and industrial environments:**
 - High noise resistance per EN 61000-6-2
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
- **5 year guarantee**

 Wish for something!
Your suggestions for improvement and additions

Run modes

USB Redirector

Install the USB Redirector and integrate your USB device through the Redirector - that's it! Whether as a substitute for missing hardware USB ports, a solution for virtual environments such as VMware, HyperV etc., or as a simple line driver - your USB communication is immediately network-ready.

Everything included

The small box contains everything needed for redirecting USB devices into the network. Whether used as any desired extension over your network, or together with other user devices such as scanners, printers, dongles, measuring devices etc.: any USB device connected to the USB-Server Megabit 2.0 behaves just as if it were connected directly to your PC. Support for all USB modes ensures trouble-free communication with both traditional USB devices and isochron devices in audio, video and measurement technology. We can omit a list of compatible devices - any means any.

Everything included

The USB Redirector integrates the virtual USB ports into the plug-and-play function of your operating system on both Linux and Windows. The deep integration on the core level means the USB devices can also be operated without any user login just as for local installations. The USB Server Megabit 2.0 supports cross-network, routed connections and provides functions for ensuring automatic communication resumption after network faults and interruptions.

All applications

Share devices

Redirect the valuable dongle to the secure server room and allow users to access it through the network.

Virtual environments

Integrate actual USB devices (measuring technology, card readers etc.) into virtual machines running VMWare, HyperV, VirtualBox etc.

Line driver

Operate the USB device at virtually any distance from the computer

Galvanic isolation

Use the network to create galvanic isolation between PC and USB device and thereby prevent ground loops and undesired compensation currents.

Interoperability guarantee

We keep our word: "We can work with anything."

Should a special USB device with its specific driver and version not run, we will perform an exact analysis to determine why your USB device is so unusual. By no later than this stage we are almost always able to change the behavior of our USB server such that it will also run with your device. If this somehow does not succeed, we will provide you with an exact technical error analysis. You can use this if needed to solve the problem with the help of the company that made your USB device.

Technical data

Connections and displays:

USB ports: 2 x USB A ports (500mA)
USB speed: 1.5/12/480 Mbit/s [Low-/Full-/Highspeed]
Network: 100BaseT Autosensing/Auto-MDIX
RJ45

Galvanic isolation: Network connection: min. 1500 volts
 Power supply: Power-over-Ethernet (PoE) or
 DC 24V ... 48V (+/-10%) on screw terminal
 Current draw PoE Class 3 (6.49W – 12.95W)
 Ext. feed (24V DC) without USB devices: typ. 120mA
 Ext. feed (24V DC) with 2 USB devices each 2.5W: typ. 420mA
 Supply connection: Plug-in screw terminal
 LED indicators System: Status and Error
 Network: Link and Data
 USB: Status and Error (each port)

Housing and other data:

Housing: Plastic compact housing for top-hat rail mount
 105x22c75mm (LxWxH)
 Enclosure rating: IP20
 Weight: approx. 120g
 Ambient temperature Storage: -40 ... +85°C
 Operation in non-adjacent installation: 0 ... +50°C
 Permissible relative humidity: 5 ... 95% relative humidity, non-condensing
 Scope of delivery: 1x USB-Server Megabit 2.0
 1x Quick Guide in German/English

Accessories

*Net unit price for
 commercial users

Power supplies

Plug-in Power Supply, 24V / 750mA DC with Euro plug	11025	33.00€	
Plug-in Power Supply, 24V / 750mA DC with Euro, US and UK plug	11026	38.00€	
Power supply for DIN rail, 24V / 630mA DC (merchandise, 2-year manufacturer's guarantee)	11080	33.00€	

Mechanical Accessories

Mounting bracket for wall mounting	58812	11.20€	
19" DIN rail	58813	21.00€	
Wall mount housing, enclosure rating IP66 / IP67	11120	54.00€	

Software

WuTility	00104	free	
USB Redirector for Windows	00109	free	
USB Redirector for Linux	00113	free	

* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.



We are available to you in person:

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