

### Interfaces:

- **2x USB 2.0 USB ports**
  - Simultaneous connection of PC A to USB1 and PC B to USB2 possible
  - Both ports have max. 500mA load capacity
- **1x Ethernet 100/1000BaseT**
  - Autosensing/Auto-MDIX

### Management and connectivity:

- **Remote configuration**
  - Startup using WuTility (three clicks and you're done), DHCP
  - Web-Based-Management
- **Fully USB 2.0 compatible**
  - Support of all USB modes (**Control, Bulk, Interrupt, Isochronous**)
- **USB Redirector implemented as a Windows kernel-mode driver**
  - XP/2003/Vista/2008/7/2008R2/8/2012/8.1/2012R2/10 incl. Server-, 64B-bit editions and virtual systems
  - Communication even without user login
  - Intuitive graphical configuration tool
  - Additional command line tool for batch-/script-controlled device incorporation
- **Full TCP/IP support incl. routing and DNS**
- **Increased data throughput**
  - Network connection via Gigabit-Ethernet
  - High-performance hardware platform for less latencies

### Power supply:

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

### Standards & more

- **Conforms to standards both in office and industrial environments:**
  - High noise resistance for industrial environments
  - Low noise emission for residential and business areas
- **5 year guarantee**

Wish for something!

[Your suggestions for improvement and additions](#)

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### Windows USB Redirector

Install the USB Redirector and insert your USB device using the USB Redirector - that's it! Regardless of whether you are replacing missing hardware USB ports, working in virtual environments such as VMware, HyperV etc. or just need a simple line driver, your USB communication becomes network-capable without a single line of programming.

### Everything included

The small box contains everything you need to map USB devices to a network. Regardless of whether you are using it as an extension across your network or together with other devices such as scanners, printers, dongles, measuring instrumentation etc., USB devices connected to

the USB Server Gigabit behave just as if they were connected directly to your Windows PC. Support of all USB modes (Control, Bulk, Interrupt, Isochronous) ensures problem-free communication with both traditional USB devices and isochronous devices in audio, video and measurement technology. We don't need voluminous lists of compatible devices - everything means everything.

### Everything included

On the software side, as a core driver the USB Redirector integrates the virtual USB ports into the Windows plug-and-play system. As with local installations, the USB device can be operated without the need for a Windows user login. The USB-Server Gigabit supports cross-network, routed connections and provides functions for automatically restarting communication after network faults and interruptions.

### All applications

#### Share devices

Move the valuable dongle into the safe server room and allow users to access it over the network.

#### Virtual environments

Integrate real USB peripherals (measurement technology, card readers etc.) into virtual machines under VMWare, HyperV, Virtual Box etc.

#### Line driver

Operate the USB device at virtually any distance from the computer

#### Galvanic isolation

Create galvanic isolation between the PC and USB device to prevent ground loops and undesired equalizing currents

### Interoperability guarantee

We stand by our word: "We're compatible with everything." If your particular USB device with its special driver and special version level in fact refuses to run, we will analyze precisely what makes your USB device so unique. As a rule this is all it takes to change the behavior of our USB Server so that it also works with your device. If even that does not provide a resolution, you will receive an exact technical error analysis. You can use this if needed to solve the problem with the help of the manufacturer of your USB device.

### Special modes

On the software side, as a core driver the USB Redirector integrates the virtual USB ports into the Windows plug-and-play system. As with local installations, the USB device can be operated without the need for a Windows user login. The USB-Server Gigabit supports cross-network, routed connections and provides functions for automatically restarting communication after network faults and interruptions.

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### Connections and displays:

USB ports: 2 x USB A ports (500mA)

USB speed: 1.5/12/480 Mbit/s [Low-/Full-/Highspeed]

Network: 100/1000BaseT Autosensing/Auto-MDIX  
RJ45  
IPv6 on request

Galvanic isolation: Network connection: MIN. 1500 V

Supply voltage: Power-over-Ethernet (PoE) or  
DC 24V .. 48V (+/-10%) per screw terminal

Current draw PoE Class 3 (6.49-12.95 W)  
Ext. supply (24V DC) without USB devices: typ. 120 mA  
Ext. supply (24V DC) with 2 USB devices each 2.5W: typ. 420mA

Supply connection: Plug-in screw terminal, 5.08mm spacing  
Labeled "L+" and "M"

Displays: 1 LED System  
2 LEDs Network Status  
2 LEDs USB State

#### Housing and other data:

Housing: Plastic compact housing for top-hat rail mount  
105x22x75mm (LxWxH)

Enclosure rating: IP20

Weight: approx. 120g

Ambient temperature Storage: -40..+85°C  
Non-end-to-end installation: 0..+50°C

Permissible relative humidity: 5..95% RH, non-condensing

Scope of delivery: 1x USB Server Gigabit 2.0  
1x Quick Guide in German/English