utnserver Pro   Best.nr: 20103522

THE SOLUTION FOR THE DIGITAL WORKPLACE: ACCESS YOUR USB DEVICES FROM ANYWHERE

The utnserver Pro offers numerous features that enable users to securely and reliably work from home at times when people increasingly need these solutions. Which is why it is the perfect choice for SMEs and offices, for remote work environments, and of course for all those working from home.

How It Works

The utnserver Pro enables USB devices to be accessed over a network thanks to the plug & play principle. It can be integrated into a local network and USB devices can be connected to its available ports. Users can take advantage of a software tool – SEH UTN Manager – to establish a virtual USB connection to the device with just one click. Then they can access the connected USB device as if it were a locally connected one. Access to connected USB devices is available via LAN, VPN, VLAN, Internet, and in server-based and virtualized environments, allowing companies to access their USB devices from any work environment and any location. It's convenient to use, powerful, and encrypted!

Secure Connection of Local USB Devices in Remote Environments

It is possible to monitor and operate the USB devices and even the utnserver Pro from any location, eliminating the need for an employee to be available onsite. In addition, there is the option of deactivating the USB ports from the network to save energy; however, it can also be used to prevent unauthorized use or data manipulation.

The utnserver Pro, with a maximum data transfer rate of up to 70 MB/s, is not only ideal to use in connection with external hard drives and dongles, but also with card readers, barcode scanners, gauges, and printers. Even RDX backup systems, which handle volumes of data, can be made available via the network to employees working from home. It is even possible to use camera systems via the network thanks to isochronous mode.

There is no need for background knowledge as it is uncomplicated to configure, manage, and maintain the solution. The completely new, web-based Control Center makes it a breeze for businesses to manage and maintain the utnserver Pro. Using it, they can intuitively make any necessary adjustments to the working environment.
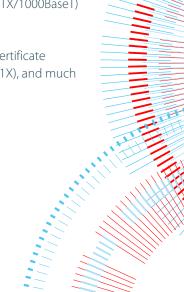
The device is shipped with a unified software. There is no longer a need to painstakingly separate firmware from software. Which is yet another advantage of the utnserver Pro saving time and personnel resources.

Your Benefits

- Flexible use of USB devices in WFH (work from home) office environments
- Encrypted access to connected devices via LAN, VPN, VLAN, Internet, and in server-based and virtualized environments for a secure work experience
- Individual USB ports can be deactivated for reasons of security or energy savings
- Powerful data transfer rate thanks to USB 3.0 SuperSpeed (up to 70 MB/s in networks with a gigabit connection)
- Top compatibility with USB devices: Use a great variety of USB devices with control and flexibility via the network, such as RDX removable disks, scanners, medical equipment, gauges, printers, cameras, telephone systems, and many more.
- Modern, elegant design
- Up to 5 years of guarantee

Features

- 2 × USB 3.0 SuperSpeed ports
- Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT)
- For Windows, macOS, and Linux
- Comprehensive security package:
- Encryption, password protection, certificate management, authentication (802.1X), and much more!
- VLAN capable (802.1Q)
- Regular software updates
- Free technical support worldwide

TECHNICAL SPECIFICATIONS

Interfaces and Network Connectors

- 10BaseT/100BaseTX/1000BaseT (IEEE 802.3)
- 2 x USB 3.2 Gen 1 (SuperSpeed) ports*

Configuration and Management

- SEH UTN Manager (connection management tool) for:
  - Microsoft Windows (32/64-bit; Windows 10 or higher, Server 2012 R2 or higher)
  - macOS 10.9 or higher**
  - Linux (Debian 10, Ubuntu 18.04, Red Hat Enterprise Linux 8, Oracle 8, CentOS 8, SUSE Linux Enterprise 15.1, openSUSE Leap 15.1)***
- SEH Product Manager (network device management) for:
  - Microsoft Windows (32/64-bit; Windows 10 or higher, Server 2012 R2 or higher)
  - macOS (10.12.x or higher)
- utnserver Control Center (integrated UI for configuration, administration, monitoring, and maintenance via browser)
- Email, SNMP, Bonjour

Supported Protocols

- TCP/IP:
  DHCP, ARP, TCP, UDP, ICMP, IGMP, HTTP/HTTPS, Zeroconf, DNS, SLP, SNMP MIB-2 kompatibel, SNMPv1, SNMPv3, SNTP, SMTP, POP3, SSL/TLS, Bonjour, etc.

Security

- Encryption: SSL 3.0, TLS 1.0/1.1/1.2/1.3, HTTPS
- Authentication: 802.1X (EAP-MD5, EAP-TLS, EAP-FAST, EAP-TTLS, PEAP)
- Certificate management: Self-signed certificate, certificate request, CA certificates, PKCS#12 certificate, S/MIME certificate
- SNMPv3
- VLAN (802.1Q)
- TCP port access control
- Device access control (password protection, session login)
- USB port access control (key, device allocation, USB port deactivation)
- USB HID class blocking
- Notification service

Supported Languages

- Control Center and SEH UTN Manager: English, German, French, Spanish, Italian, Portuguese, Japanese, Korean, Chinese (traditional and simplified)
- SEH Product Manager: English, German, Japanese

Tests (Notifications)

- CE: EN 55035:2017, EN 61000-3-2: 2014, EN 6100-3-3:2013, EN55032:2015 class B
- FCC: class B
- RoHS

Power Supply

- External power pack
- Output: 5 V, 4 A
- Input: 100–240 V ~

Power consumption

- approx. 3 W (without load)
- approx. 14 W (with full load on the USB ports)
- approx. 26–123 kWh/year, depending on utilization

Operating environment

- Temperature: 5–40 °C
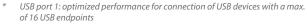- Relative humidity: 20–80 %

Dimensions & Weight

- Width, height, depth: 120 × 30 × 84 mm
- 125 g (without power pack)

Order Numbers

- M05130 (EU)
- M05131 (UK)
- M05132 (US)
- M05133 (JP)

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* USB port 1: optimized performance for connection of USB devices with a max. of 16 USB endpoints

** only limited support available for USB devices on macOS 11.x (Big Sur) systems; does not run on Apple Silicon (Apple M1 chip) based Mac computers

*** A successful installation cannot be guaranteed due to the multitude of Linux distributions! Install at your own responsibility.

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