printserver ONE

FLEXIBLY AND SECURELY USE PRINTING SYSTEMS IN ANY WORK ENVIRONMENT!

The printserver ONE provides a professional means to connect your USB-based printing system to your existing network environment. The printserver ONE can be used to supplement an existing network printing systems as an additional independent network interface, meaning it can be deployed in an additional work environment.

For All Printing Systems That Feature a USB Port

- Ink-jet printers
- Laser printers
- Label printers
- Large format printers
- Plotter
- Dot matrix printers
- Barcode printers
- Multi-function devices
- Digital copying machines
- And many more!

Your Benefits

- Powerful throughput rates
- Compatible with nearly all USB-enabled printers
- Operate separate private and public networks using secure printing over an IPSec connection
- Keep your work secure thanks to TLS-encrypted printing via LAN, VPN, Internet to the printing system
- Modern, elegant design
- Up to 5 years of guarantee
- Regular software updates
- Free technical support worldwide

Features

- Gigabit Ethernet: 10BaseT/100BaseTX/1000BaseT (IEEE 802.3)
- 1 × USB 3.2 Gen 1 (SuperSpeed) port
- IPv6 support
- IPSec support
- Support of all standard operating systems and printing protocols
- Button for status information and diagnostic purposes
- printserver ONE Control Center (integrated UI for configuration, administration, monitoring, and maintenance via browser)
- Email, SNMP, Bonjour, FTP

TECHNICAL SPECIFICATIONS

Interface and Network Connector

- 1 × USB 3.2 Gen 1 (SuperSpeed) port
- 10BaseT/100BaseTX/1000BaseT (IEEE 802.3)

Configuration and Management

- 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
- printerserver ONE Control Center (integrated UI for configuration, administration, monitoring, and maintenance via browser)
- Email, SNMP, Bonjour, FTP
- Epson Tool support (EpsonNet Config, EpsonNet Print, Epson Status Monitor)

Printing Protocols and Methods

- Socket printing (Raw TCP)
- LPR/LPD printing
- IPP v1.1 printing
- HTTP printing (encrypted and unencrypted)
- FTP printing
- POP3 printing
- Bonjour printing service

Security

- IPSec support
- TLS 1.0/1.1/1.2/1.3
- HTTPs
- Encryption of print data 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
- IPsender protection ("user access list")
- Access control
- Password protection

Supported Protocols

- TCP/IP:
  IPSec, DHCP, BootP, ARP, IPv4, IPv6, IPv6 / TCP, IPv6 / ICMP, IPv6 / FTP, IPv6 / FTPs, IPv6 / TFTP, IPv6 / HTTP, HTTPs, IPv6 / SSL, TLS, TCP, IPv6 / Raw TCP, UDP, ICMP, IGMP, FTP, FTPs, TFTP, LPD, HTTP, HTTPs, ZeroConf, DNS, SLP, SNMPv1, SNTP, SMTP, POP3, SSL/TLS, IPPv1.0, IPPv1.1, Raw TCP, Apple Bonjour

Supported Languages

- printserver ONE homepage (Control Center):
  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, EN 55032:2015 class B, EN 50581:2012
- FCC: class B
- RoHS

Power Supply

- External power pack
- Output: 5 V, 2 A
- Input: 100–240 V ~

Power consumption

- 8 W (max.)
- approx. 2.5 W with a printer
- approx. 22–70 kWh/year, depending on utilization

Operating environment

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

Dimensions & Weight

- Width, height, depth: 120 × 29 × 84 mm
- 116 g (without power pack)

Order Numbers

- M04130 (EU) · M04131 (UK)
- M04132 (US) · M04133 (JP)

Made in Germany