

The “3-in-1-Solution“ for Personal Printing: Authentication Hardware for Heterogeneous RFID Card Systems



With the TPR-11 ThinPrint Reader, SEH offers a cost-effective and adaptable authentication solution for changing every network printer into a Personal Printing printer, regardless of printer manufacturer or model.

Avoid cost-intensive investments and benefit from the full advantages of Print Personal Printing with maximum security and flexibility.

Authentication occurs directly at the printer with a RFID-based smart card (e.g., Mifare, Legic, HITAG). With this contactless card technology, users release their print job with a “card-swipe”.

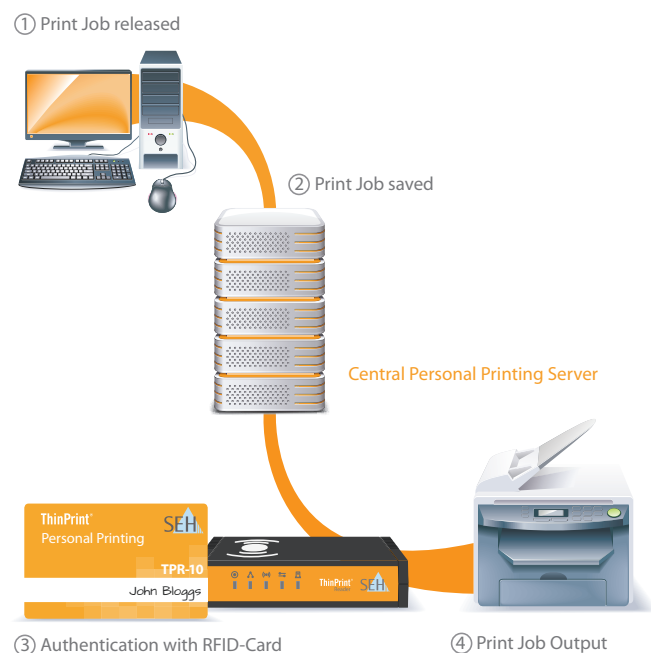
Your TPR-11 – Specifically Developed for Your Needs

RFID (radio frequency identification) is the core of the ThinPrint Reader. A key factor is the used frequency of the data transmission.

Particularly for the common frequency ranges 125 kHz/134, 2 kHz and 13.56 MHz SEH provides using the TPR-11 ThinPrint Reader a “3-in-1” solution for Personal Printing!

Companies using an RFID system with all types of transponders (eg Smart cards, tags, etc.), the TPR-11 ThinPrint Reader simply makes this system compatible with Personal Printing.

The specifications for the TPR-11 to work with the existing RFID card systems is defined in close consultation with the customer. The integration of other specific card systems (see technical data) in the frequency ranges are available on request. Talk to us!



Who benefits from the TPR-11 ThinPrint Reader?

- All companies that handle sensitive data and want maximum Personal Printing security
- Companies and organizations that have already installed ThinPrint Personal Printing or Corporate Server 6.0 or plan an implementation
- All companies and organizations with a big network and/or large complex infrastructure and wishing to avoid new acquisitions and conversions
- For 125 kHz/134,2 kHz/13,56 MHz RFID frequencies

Features

- Easy configuration and management via the supplied TPR Control Center
- Integrated ThinPrint Client
- Comprehensive security package: Encryption, Port-Blocking, IPsender Protection, etc.
- Backup management
- Regular software updates, technical support worldwide
- Printer manufacturer independent

ThinPrint®

Reader

for Personal Printing

TPR-11 – Technical Data

Interfaces and Network Connectors

- 2 x 10BaseT/100BaseTX/1000BaseT
- 1 x USB 2.0 Hi-Speed
- 1 x RFID Multi-Protocol 125kHz /134.2kHz(LF) & 13.56MHz (HF) Contactless Smart Card Reader:
- 4100, 4102, 4200, Casi Rusco, HITAG 1, HITAG 2, HITAG S, MIRO, TIRIS/HDX, UNIQUE, 4105, 4x50, AWID, Cardax, FDX-B, G-Prox II, Honeywell Nexwatch, IDTECK, Pyramid, Q5, TITAN, T55x7, ZOODIAC
- ISO14443A: Mifare Classic 1k & 4k, Mini, DESFire EV1, Plus S&X, Pro X, SmartMX, Ultralight, Ultralight C, SLE44R35, SLE66Rxx (my-d move) Legic Advant, PayPass
- ISO14443B: Calypso, CEPAS, HID iCLASS, Moneo, PicoPass, SRI512, SRT512, SRI4K, SRIX4K
- ISO15693: EM4x33, EM4x35, HID iCLASS, ICODE SLI, Legic Advant, M24LR16/64, Tag-It, SRF55Vxx (my-d vicinity), PicoPass
- Optional/on request: Cotag, HID Prox, Indala, ioProx, Legic Prime

Configuration and Management

- SEH InterCon-NetTool for Windows, Linux, Mac
- TPR Web Control Center (Monitoring, Configuration, Administration, Firmware Update)
- E-Mail, SNMP, SNMP MIB-2 compatible, SNMPv1, SNMPv3, Bonjour

Supported Protocols

- IPv6-enabled
- TCP/IP:
DHCP, BootP, ARP, IP, TFTP, ICMP, IGMP, UDP, TCP, DNS, POP3, SMTP SLP, SNMPv1, SNMPv3, SNTP, HTTP, HTTPS, ZeroConf, SSL/TLS, IPPv1.1, RawTCP, Bonjour, etc.

ThinPrint Support

- ThinPrint Client
- SSL Printing
- AutoConnect Support
- Personal Printing Client
- Connection Service Support

Security

- Encryption: SSL 3.0, TLS 1.0
- Authentication: 802.1X (EAP-MD5, EAP-TLS, Cisco EAP (LEAP), EAP-FAST, EAP-TTLS, PEAP)
- IPsender („User List“), Access Control
- Certificate Management: Self-signed Certificate, Certificate Request, Root Certificate, PKCS#12 Certificate
- Password Protection
- Port Access Control

Supported Operating Systems

- Operating System Independent

Printing Protocols and Methods

- LPR/LPD Printing, Socket Printing, IPP v1.1 Printing, IPP Secure Printing

Supported Languages

- English, German, French, Spanish, Italian, Portuguese, Japanese, Korean, Chinese (traditional and simplified)

Tests (Notifications)

- CE: EN55022 Class B, EN55024, EN62301
- FCC Class A
- VCCI Class A
- C-TICK
- ROHS

Power Supply

- External Power Supply
Output: 5V, 2A
Input: 100–240V ~

Operating Environment

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

Dimensions (Depth, Width, Height)

- 99 x 140 x 32 mm

Weight

- 150 g

For requests and orders, please visit www.seh-technology.com/tpr-11.html and fill out the request form.



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www.seh-technology.com/products/thinprintreader.html

For more information and a full list of all technical details, please refer to the electrical data sheets on our website www.seh-technology.com.