

Stand Alone Security Devices

ST-1044 Desktop Smart Card Reader



High-quality PC/SC smart card reader
with USB connector.

Main Applications

Desktop

- Access Control
- Local and Network Logon
- Single Application Sign-On
- Convenience Replacement for Passwords
- 3-Factor Authentication
- Loyalty and Multi-Application Cards
- PKI (Private Key Infrastructure)
- Digital Signature
- Document Encryption
- Secure Payment for B2B and B2C

Target Markets

- Public Administration
- E-Government
- Military (CAC)
- Border Control
- E-Government
- Transportation
- Education
- Financial
- Point-of-Sales

Key Features

- Card Man 3121 compatible
- Heavy stable base allows one hand operation
- USB 2.0 compatible
- CAC certified and FIPS 201 compatible

Main Part Numbers

ST-1044 Desktop Smart Card Reader

Black housing bottom,
light grey housing top

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ST-1044 Desktop Smart Card Reader

Main Part Numbers



Technical Data

Interface

USB

Power Consumption

max. 100 mA

Smart Card Interface

Reads and writes all ISO 7816 cards supports T=0, T=1, I \checkmark C (S=8), 2 wire (S=10), 3 wire (S=9)

Drivers

CCID, PC/SC, CT-API

Operating Systems

Windows 98, ME, 2000, XP, CE, Linux

Card Connecting Unit

Approx. 100,000 insertions

Sliding contacts

Landing contacts on request

Smart Card Speed:

412,903 bps

Smartcard Clock Frequency:

4.8 MHz

Cable Length

approx. 1.75 m

Weight

approx. 300 g (without packaging)

approx. 350 g (with packaging)

Dimensions

approx. 75 x 51 x 55 mm (smart card reader)

approx. 60 x 195 x 60 mm (packaging)

Packaging Units

64 readers per box

384 per pallet

Keyswitch Lifetime

> 20 million operations

System Requirements

USB Connection

Insertion Cycles

approx. 100,000

Storage Temperature

-20°C to 60°C

Operating Temperature

0°C to 50°C

Agency Approvals

VDE, GS, cRUus, CE, FCC,

Microsoft WHQL Windows™ 2000, XP

EMV 2000 Level 1

Delivery Volume

Smart card reader, Printed manual, CD-ROM

Warranty

2 Years

For information on repairs or warranty status contact:

Cherry Technical Support

Phone: 800.510.1689

E-Mail: keyboardsupport@cherrycorp.com

Contact

Call, fax or visit our website for more information.

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Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.