

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, I²C (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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Cherry Electrical Products

11200 88th Avenue
Pleasant Prairie, WI 53158

Phone: 262.942.6500
Web: www.cherrycorp.com

E-Mail: sales@cherrycorp.com
Fax: 262.942.6566

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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.