

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**

&gt; 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](mailto: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.