CHERRY ®

Integrated Security Devices

ST-1275 Smart Terminal
Smart Card Reader

Dual Smart Card Reader for Contact and Contactless Cards

Main Applications

Desktop
Access Control
Logical and Network Logon
Single Application Sign-On
Convenient 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
Transportation
Education
Financial
Point-of-Sales

Key Features

- USB 2.0 – dual smart card reader for contact and contactless cards
- One-hand operation with stable stand

Smart Card Reader

- PC/SC
- ISO 7816 compliant
- CT-Api and OCF support
- T=0, T=1, S=8, S=9, S=10
- EMV 2000 Terminal Level 1 compliant
- CCID compatible

Contactless Smart Card Reader

- ISO 14443A / B compatible
- Dual LED Status indicator
- T=CL, Mifare
- Reading distance: <5 cm
- ICAO compliant

Integrated Security Devices

ST-1275 Smart Terminal
Smart Card Reader

ST-1275UAE

Technical Data

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

Card connecting unit:
Approx. 100,000 insertions sliding contacts

Smart Card speed:
412,903 bps

Clock frequency smartcard:
4.8 MHz

Weight:
Approx. 80 g (Smart Terminal)

Dimensions:
Approx. 105 x 70 x 12 mm

Cable length:
Approx. 1.75 m

Operating systems
Windows 2000, XP, XP 64Bit, Vista, Vista 64, Linux

System requirements
USB Interface 2.0

Approvals
GS/VDE, cRUus, CE, FCC, C-Tick Mark, GOST-R

Microsoft WHQL Windows™ 2000, XP, Vista

EMV 2000 Level 1

Current consumption:
Max. 100 mA

Interface:
USB

Storage temperature:
-20 °C to 50 °C

Operating temperature:
0 °C tol 60 °C

Delivery volume
1 Smart Terminal

Packaging unit (Bulk):
250 pcs. per master carton
4 cartons per pallet (1000 pcs.)

Guarantee period:
2 years

Ordering Description

Order Number	Housing	Packaging	Language Packaging
ST-1275UAF	light grey	bulk	—
ST-1275UAE	black	bulk	—

Contact

Call, fax or visit our website for more information.

Last Update: 8/8/08