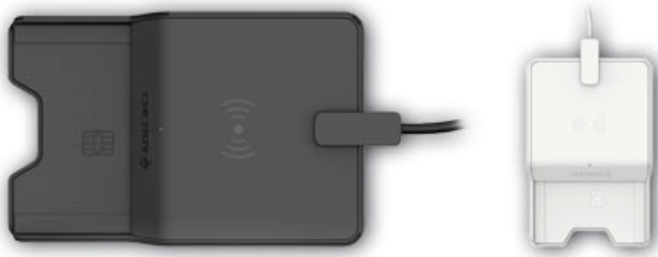


# CHERRY TC 1300



Models may vary from the image shown

## Class 1 terminal for contact and contactless smart cards.

CHERRY TC 1300 - the reliable solution for bidirectional communication with contact and contactless chip cards. Design: intelligent. Operation: with one hand. Workmanship: high-quality.

## Key benefits

- Class 1 smart card terminal
- Bidirectional communication for contact and contactless smart cards (dual interface)
- LED status display
- High-quality workmanship, state-of-the-art technology and intelligent design
- Card guide in housing for one-handed operation and rubber surfaces to prevent slipping
- Attachable card clip to fasten contactless smart cards
- Data exchange via loop contact with approx. 100,000 mating cycles
- Connection via USB 2.0 port
- 1.75 m cable length for maximum freedom of movement
- Software supports Microsoft Windows, Linux and Mac OS X operating systems
- Supported standards: PC/SC, CCID, CT-API

## Technical Data:

### Housing colour:

Product dependant, see table "Models"

### Weight (product):

approx. 105 g

### Total weight (with packaging):

Product dependant, see table "Models"

### Cable Length:

approx. 1.75 m

### Storage Temperature:

-20°C to 65°C

### Operating Temperature:

0°C to 50°C






### Current Consumption:

max. 160 mA

### Interface:

- USB

### Product approvals:

- VDE GS 
- c-tick 
- UL 
- CE 
- FCC 

### System requirements:

- USB connection

### Dimensions (product):

115 x 75 x 16.5 mm

### Packaging dimensions:

Product dependant, see table "Models"

### Packaging (version):

Product dependant, see table "Models"

### Smart card reader:

- Type: Mechanical & contact-free
- Hardware interface: USB
- Chip-card protocols: T=0, T=1, T=CL
- Contact: mechanical swipe reader in accordance with ISO7816 and contact-free reader in accordance with ISO14443A, ISO14443B, ISO15693
- Software interface: CT-API, PC/SC, CCID
- Mating cycles: approx. 100,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards, MIFARE®, DESFire®, iCLASS®, ...
- Transmission speed reader <==> card: max. 420 kBit/s (ISO7816), 424 kBit/s (ISO 14443), 26 kbit/s (ISO15693)
- Transmission speed reader <==> system: max. 12 MBit/s
- Chip card pulse frequency: up to 8 MHz

### Packaging Unit:

- Number of products in the master package: Product dependant, see table "Models"
- Number of master packages per pallet: Product dependant, see table "Models"

### Warranty:

2 years

Errors, technical changes and delivery possibilities excepted. Technical information refers only to the specifications of the products. Features may differ from the information provided.