

## CHERRY TC 1100



Models may vary from the image shown

### Long-lasting, class 1 terminal for contact smart cards

CHERRY TC 1100 - the reliable solution for bidirectional communication with contact chip cards. Design: intelligent. Operation: with one hand. Workmanship: high-quality.

### Key benefits

- Class 1 smart card terminal
- Bidirectional communication for contact smart cards
- 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
- 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
- EMV 2000 Level 1 certification
- Satisfies requirements defined by FIPS-201

### Technical Data:

#### Housing colour:

Product dependant, see table "Models"

#### Weight (product):

approx. 75 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. 30 mA

#### Interface:

- USB

#### Product approvals:

- VDE GS 
- c-tick 
- UL 
- CE 
- FCC 
- FIPS 201 

#### System requirements:

- USB connection

#### Dimensions (product):

100 x 65 x 12 mm

#### Packaging dimensions:

Product dependant, see table "Models"

#### Packaging (version):

Product dependant, see table "Models"

#### Smart card reader:

- Hardware interface: USB
- Agency Approvals: EMV 2000 Level 1
- Chip-card protocols: T=0, T=1, S=8, S=9, S=10
- Contact: mechanical swipe reader
- 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
- Transmission speed reader <=> card: 420 kBit/s
- Transmission speed reader <=> system: max. 12 MBit/s
- Chip card pulse frequency: 4.8 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.

## Models:

	Product name	Order number	Housing colour	Total weight (with packaging)	Packaging dimensions	Packaging (version)
1	CHERRY TC 1100	JT-0100AB-0	pale grey	-	-	Collective p
2	CHERRY TC 1100	JT-0100AB-2	black	-	-	Collective p
3	CHERRY TC 1100	JT-0100WB-0	pale grey	approx. 100 g	140 x 40 x 70 mm	White box
4	CHERRY TC 1100	JT-0100WB-2	black	approx. 100 g	140 x 40 x 70 mm	White box

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