

TC 1100 Smart Card Reader JT-0100WB-2



Models may vary from the image shown

Durable and Practical – Portable Class 1 Terminal for Contact Smart Cards

CHERRY JT-0100WB-2 is a Logical Access Transparent Reader that is a reliable solution for bidirectional communication with PIV and CAC cards.

Key Benefits:

- Class 1 smart card terminal
- Bidirectional communication for contact smart cards
- LED status display
- Card guide in housing for one-handed operation with rubber feet to prevent slipping
- Connection via USB 2.0 port
- CT-API and OCF support
- PC/SC smart card reader
- CCID compatible
- EMV 2000 Level 1 certification
- FIPS 201 certified

Technical Data:

Housing Color

Black

Weight (product)

Approx. 75 g

Approx. .16lbs.

Total Weight (with packaging)

Approx. 96 g

Approx. .21 lbs.

Cable Length

Approx. 1.75 m

Approx. 5.7'

Current Consumption

Max. 100 mA

Operating Temperature

0° C to 55° C / 32° F to 131° F

Storage Temperature

-20°C to 65°C / -4° F to 149° F

Interface

USB

Product Approvals:

RCM



CE



FCC



UL



VDE GS



System Requirements

USB connection

Delivery Volume

- CHERRY JT-0100WB-2
- Operating instructions in hard copy

Product Dimensions

Approx. 100 x 65 x 12 mm

Approx. 3.9"x 2.5"x 0.47"

Packaging Dimensions

Approx. 140 x 40 x 70 mm

Approx. 5.51" x 1.57" x 2.75"

Reliability

Data exchange via loop contact with approx. 100,000 mating cycles

Operating Systems

Software supports Microsoft Windows, Linux and Mac OS X operating systems

Contact Smart Card Reader

- Type: Contact
- Chip-Card Protocols: T=0, T=1, S=8, S=9, S=10
- Compatible Chip Card Types: Reads and writes on all ISO 7816 cards
- Contact: Mechanical swipe reader
- Software Interface: CT-API, PC/SC, CCID
- Transmission Speed Reader <==> Card: 420 kBit/s
- Transmission Speed Reader <==> System: Max. 12 MBit/s
- Chip Card Pulse Frequency: 4.8 MHz

Technical Data – Continued:

Packaging Unit

Number of Products in the Master Package: 120
Number of Master Packages per Pallet: 20



Warranty

2 years

Model:

Product Name	Order Number
CHERRY TC 1100 (White Box)	JT-0100WB-2

(Light Grey available upon special order)

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The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice. Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.