SmartTerminal ST-1044U

USB smart card terminal

It can cope with anything. A stable device which can be operated with one hand for reading and writing on chip cards. Whether for access monitoring, network logon or chip card-based internet transactions - the smartcard reader with USB connection is the perfect solution.

Key benefits

- High-quality USB-smartcard reader
- CardMan 3121 compatibly
- USB 2.0-compatible
- "Single-handed operation" through high weight and stable standing
- PC/SC smartcard reader
- CT-Api and OCF support
- Protocols: T=0, T=1, S=8, S=9, S=10
- CCID compatible
- EMV 2000 Level 1 approved
- CAC and FIPS 201 certified
- TAA compliant

Technical Data:

<table>
<thead>
<tr>
<th>Housing colour:</th>
<th>light grey/black</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (product):</td>
<td>approx. 300 g</td>
</tr>
<tr>
<td>Total weight (with packaging):</td>
<td>approx. 350 g</td>
</tr>
<tr>
<td>Cable Length:</td>
<td>approx. 1.75 m</td>
</tr>
<tr>
<td>Storage Temperature:</td>
<td>-20°C to 50°C</td>
</tr>
<tr>
<td>Operating Temperature:</td>
<td>0°C to 60°C</td>
</tr>
<tr>
<td>Current Consumption:</td>
<td>max. 100 mA</td>
</tr>
<tr>
<td>Interface:</td>
<td>USB</td>
</tr>
</tbody>
</table>

Product approvals:
- cURus
- VDE GS
- VCCI
- CE
- FCC
- VDE
- FIPS 201

System requirements:
- USB connection

Delivery Volume:
- SmartTerminal ST-1044U
- CD-ROM with up-to-date software
- Operating instructions in hard copy

Dimensions (product):
approx. 75 x 51 x 55 mm

Packaging dimensions:
approx. 128 x 195 x 60 mm

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
- Matling cycles: approx. 100,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards
- Transmission speed reader <==> card: 412,903 Bit/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: 64
- Number of master packages per pallet: 6

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:

<table>
<thead>
<tr>
<th></th>
<th>Product name</th>
<th>Order number</th>
<th>Packaging (version)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SmartTerminal ST-1044U</td>
<td>ST-1044UB</td>
<td>White box</td>
</tr>
<tr>
<td>2</td>
<td>SmartTerminal ST-1044U</td>
<td>ST-1044UB-R</td>
<td>Pretty box</td>
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</table>