Identiv’s uTrust 2700 R is the ideal PC-linked USB contact smart card reader for a huge variety of secure applications. Providing full compliance with all major industry standards, such as ISO/IEC 7816, USB CCID, PC/SC, and Microsoft WHQL, uTrust 2700 R works seamlessly with virtually all contact smart cards and PC operating systems. Full support and compliance to EMV 2011 and GSA FIPS 201 expands daily use to applications requiring additional security and data protection.

uTrust 2700 R represents the perfect mix between modern stylish design, ergonomic handling, and a compact footprint. The extended card data transmission rate of up to 600 kbps with the support of TA1=97 enables the shortest possible transaction time for maximum end-user convenience.

The Identiv-specific SmartOS™ features easy and complete support of all major contact smart cards. With uTrust 2700 R, the end user experiences convenience, transaction-time efficiency, security, and reliability for applications such as network log-in, Windows authentication and Single Sign-On (SSO), banking and cashless payment applications, as well as high-security use cases for federal governments.

**OPTIONAL ACCESSORY:**

uTrust 2700 R Stand Kit

Advisory note: Identiv is rebranding the CLOUD products under the uTrust brand name. If you have further questions, please use the contact details provided below.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>IDENTIV UTRUST 2700 R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host Interface</td>
<td>USB 2.0 Full Speed (12 Mbps)</td>
</tr>
<tr>
<td>Smart Card Interface</td>
<td></td>
</tr>
<tr>
<td>Supported Standards</td>
<td>• ISO/IEC 7816 Part 1 to 4</td>
</tr>
<tr>
<td></td>
<td>• EMV 2011 Ver 4.3 Level 1</td>
</tr>
<tr>
<td>Supported Tag ICs</td>
<td>All major ISO/IEC 7816 compliant smart card IC support</td>
</tr>
<tr>
<td>Smart Card Protocols</td>
<td>T=0, T=1</td>
</tr>
<tr>
<td>Smart Card Interface Speed</td>
<td>• Up to 600 kbps (depending on card)</td>
</tr>
<tr>
<td></td>
<td>• TA1=97</td>
</tr>
<tr>
<td>Smart Card Clock Frequency</td>
<td>ISO/IEC 7816 compliant; Operates up to 16 MHz</td>
</tr>
<tr>
<td>Supported Smart Card Types</td>
<td>5V, 3V and 1.8V, ISO/IEC 7816 Class A/B/C</td>
</tr>
<tr>
<td>Power to Smart Card</td>
<td>60mA in Class A; 55mA in Class B; 35mA in Class C</td>
</tr>
</tbody>
</table>
### Smart Card Detection
- Card present switch
- Automatic power on/off
- Short circuit protection

### Card Size
- ID-1

### Contact Type
- 8 pin ID-1 sliding contact socket
- C4/C8 support
- Card detect switch

### Driver and Software

#### PC/SC Driver
- PC/SC Specification Ver. 2.01.14 for:
  - Windows® 7/8/10 (32 and 64 bit); Windows® Server 2003/2008/2012
  - MacOS 10.9.x, 10.10.x, 10.11.x
  - Linux 2.6.x, 3.x (32 and 64 bit)

#### Software
- PC/SC API
- CT-API (through wrapper on top of PC/SC)
- M-Card API (through wrapper on top of PC/SC)

### Operating Conditions

#### Power Supply
- Bus-powered USB

#### Power Consumption
- <6mA excluding card; 25mA including card

#### Dimensions
- 70 x 60 x 16 mm (2.756 x 2.362 x 0.629 in)
- 70 x 63 x 62 mm (2.756 x 2.480 x 2.441 in)

#### Weight
- 66 g ± 5% (0.15 lb ± 5%)
- 204 g ± 5% (0.45 lb ± 5%)

#### Operating Temperature Range
- 0° to 50°C (32° to 122°F)

#### Storage Temperature Range
- -20° to 60°C (-4° to 140°F)

#### Operating Humidity Range
- Up to 95% RH non-condensing

#### Durability
- Sliding Contact 100,000 card insertions

#### MTBF
- ~7M hours

#### Connector
- 1.5 m USB cable with USB type A connector

#### Status Indicator
- LED

#### Firmware
- SmartOS™

#### Firmware In-Field Upgradeable
- No

### Certifications and Compliances

#### Systems/Standards
- EMV 2011 Ver 4.3 Level 1, ISO/IEC 7816, USB 2.0 Full Speed, CCID, Microsoft® HCK

#### Regulatory /Environmental
- CE, FCC, UL 60950, VCCI, GSA APL, RoHS2, REACH, WEEE

### Ordering Information

#### Product Part Number
- 905369-1, 905418 (optional stand kit)