For high security in demanding corporate environments, Identiv offers a number of solutions, ranging from desktop smart card readers to mobile smart card tokens that can be used with a variety of smart card-technology based credentials.

The uTrust Token family offers users secure mobility for mobile desktop applications in PC connected mode and a contactless smart card token in autonomous mode for a host of contactless applications. All uTrust Tokens enable strong two-factor authentication, combining something users have — the token — with something they know — their PIN code.

Depending on the type of smart card chosen, the uTrust Token Standard can be used for logging on to a PC, signing and encrypting documents or emails, and authenticating to secure web sites or the user’s company’s virtual private network (VPN). If a dual interface card is used, the token can double up as a contactless credential that can be used for physical access to buildings, contactless electronic payments, and contactless electronic ticketing for transportation and events.

* In combination with a plug-in type dual interface card with antenna connection on C4/C8

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>UTRUST TOKEN STANDARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host Interface</td>
<td>USB 2.0 full speed (12 Mbps)</td>
</tr>
<tr>
<td><strong>Smart Card Interface</strong></td>
<td></td>
</tr>
<tr>
<td>Supported Standards</td>
<td>ISO/IEC 7816 Part 1 to 4</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 4.8 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>
<tr>
<td>Smart Card Detection</td>
<td>• Automatic power on/off</td>
</tr>
<tr>
<td></td>
<td>• Short circuit protection</td>
</tr>
</tbody>
</table>
## Parameter | Utrust Token Standard
---|---
**Card Size** | ID-000 (SIM size)
**Contact Type** | Sliding Contact Socket (8 pin)
**Contactless** | • Built-in antenna connected to C4 and C8 of smart card modules  
• Accepts dual interface “Plug in Type” cards in ID-000 (SIM) format  
• ISO 14443

### Driver and Software

| **PC/SC Driver** | PC/SC Specification Ver. 2.0  
• Windows® XP/Vista/7/8/10 (32/64 bit), Windows® Server 2003/2008/2012, Windows® CE 6.0, 7.0  
• MacOS 10.5.x, 10.6.x, 10.7.x, 10.8.x, 10.9.x, 10.10.x, 10.11.x  
• Linux 2.4.x, 2.6.x (32/64 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** | <20 mA with standard smart; <500 μA in Standby Mode  
**Dimensions** | 49 x 17 x 12.5 mm  
**Weight** | 9 g  
**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  
**Connector** | USB Type A Connector  
**Status Indicator** | Green LED  
**Firmware** | CCID  
**Firmware In-Field Upgradeable** | No

### Certifications and Compliances

| **Systems/Standards** | ISO/IEC 7816, USB 2.0 Full Speed, CCID, Microsoft® WHQL  
**Regulatory/Environmental** | CE, FCC, RoHS2, REACH, WEEE

### Ordering Information

| **Product Part Number** | 905551 (Black), 905556 (White)