

# uTrust 2700 R

## Contact Smart Card Reader



- **READY TO USE**  
Driver support for all major PC operating systems
- **SUPPORTS ALL APPLICATIONS**  
Supports all major smart card ICs and technologies in just one device
- **FAST**  
Transaction time optimized for maximum end-user acceptance
- **CONVENIENT**  
Ultra-compact and robust design streamlined for mobile operation
- **SMARTOS™ POWERED**

The Identiv 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, the uTrust 2700 R seamlessly works with virtually all contact smart cards and PC operating systems.

Full support and compliance to EMV 2008 and GSA FIPS 201 expand 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 foot print.

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.

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

**OPTIONAL ACCESSORY:**  
uTrust 2700 R Stand Holder

PARAMETER	IDENTIV UTRUST 2700 R
Host Interface	
Host Interface	USB 2.0 CCID (USB 1.1/3.0 compliant)
Communication Speed	12 Mbps (USB 2.0 full speed)
Smart Card Interface	
Supported Standards	<ul style="list-style-type: none"> <li>• ISO/IEC 7816 Part 1 to 4</li> <li>• EMV 2011 Ver 4.3 Level 1</li> </ul>
Supported Tag ICs	All major ISO/IEC 7816 compliant Smart Card IC support
Smart Card Protocols	T=0, T=1
Smart Card Interface Speed	<ul style="list-style-type: none"> <li>• Up to 600 kbps (depending on card)</li> <li>• TA1=97</li> </ul>
Smart Card Clock Frequency	ISO/IEC 7816 compliant up to 5 MHz; Operates up to 16 MHz
Supported Smart Card Types	5V, 3V and 1.8V, ISO/IEC 7816 Class A/B/C
Power to Smart Card	60mA in Class A; 55mA in Class B; 35mA in Class C
Smart Card Detection	<ul style="list-style-type: none"> <li>• Card present switch</li> <li>• Automatic power on/off</li> <li>• Short circuit protection</li> </ul>

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PARAMETER	IDENTIV UTRUST 2700 R	
Card Size	ID-1	
Contact Type	<ul style="list-style-type: none"> <li>• 8 pin ID-1 Sliding Contact Socket</li> <li>• C4/C8 support</li> <li>• Card detect switch</li> </ul>	
Driver and Software		
PC/SC Driver	PC/SC Specification Ver. 2.01.14 for: <ul style="list-style-type: none"> <li>• Windows® 7/8/10 (32 and 64 bit); Windows® Server 2003/2008/2012</li> <li>• MacOS 10.5.x-10.15.x</li> <li>• Linux 2.6.x, 3.x, 4.x, 5.x (32 and 64 bit)</li> </ul>	
Software	<ul style="list-style-type: none"> <li>• PC/SC API</li> <li>• CT-API (through wrapper on top of PC/SC)</li> <li>• M-Card API (through wrapper on top of PC/SC)</li> </ul>	
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° C to +50° C/+32° F to +122° F	
Storage Temperature Range	-20° C to +60°C/-4° F 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 2008 Ver 4.2 Level 1, ISO/IEC 7816, USB 2.0 Full Speed, CCID, Microsoft® WHQL	
Regulatory/Environmental	CE, FCC, UL94, UL60950, VCCI, ICES, ANZ, HBCI, GSA APL, RoHS2, REACH, WEEE	
Ordering Information		
Product Part Number	905369	



Identiv (NASDAQ: INVE) is a global provider of physical security and secure identification. Identiv's products, software, systems, and services address the markets for physical and logical access control, video analytics and a wide range of RFID-enabled applications. Customers in the government, enterprise, consumer, education, healthcare, and banking, retail, and transportation sectors rely on Identiv's access and identification solutions. Identiv's mission is to secure the connected physical world: from perimeter to desktop access, and from the world of physical things to the Internet of Everything.

Identiv has offices worldwide. Addresses and phone numbers are listed at [identiv.com/contact](http://identiv.com/contact). For more information, visit [identiv.com](http://identiv.com) or email [sales@identiv.com](mailto:sales@identiv.com).

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