

## uTrust 2900 R

### Smart Fold 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 2900 R is the ideal PC-linked USB contact smart card reader for a huge variety of mobile applications. Providing full compliance with all major industry standards such as ISO/IEC 7816, USB CCID, PC/SC, and Microsoft WHQL, the uTrust 2900 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 very specific applications requiring additional security and data protection.

With its ultra-compact yet reliable Identiv design and mechanical functionality, it is the ideal travel companion for mobile users requiring the same level of data protection as is required for desktop applications.

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.

The Identiv driver platform, as well as the Windows® Plug-and-Play driver support, allow seamless integration into any end-user environment with very little or no administration.

With uTrust 2900 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.

PARAMETER	IDENTIV UTRUST 2900 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 2008 Ver 4.2 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

# uTrust 2900 R

## Smart Fold Contact Smart Card Reader

PARAMETER	IDENTIV UTRUST 2900 R
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>
Card Size	ID-1
Contact Type	Sliding Contact Socket (8 pin)
<b>Driver and Software</b>	
PC/SC Driver	PC/SC Specification Ver. 2.01.09 for: <ul style="list-style-type: none"> <li>• Windows® XP/Vista/7/8 (32 and 64 bit); Windows® Server 2003/2008/2012; Windows® CE 6.0/7.0</li> <li>• MacOS 10.5.x, 10.6.x, 10.7.x, 10.8.x</li> <li>• Linux 2.4.x, 2.6.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>• Synchronous-API (through wrapper on top of PC/SC)</li> <li>• M-Card API (through wrapper on top of PC/SC)</li> </ul>
<b>Operating Conditions</b>	
Power Supply	Bus-powered USB
Power Consumption	< 6mA, excluding smart card; <500µA in standby mode
Dimensions	48 x 20 x 12 mm / 1.889 x 0.787 x 0.472 in
Weight	12g
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	500,000 hours
Connector	USB Type A Connector
Status Indicator	LED
Firmware	SmartOS™
Firmware In-Field Upgradeable	No
<b>Certifications and Compliances</b>	
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, CNS, HBCI, GSA APL, RoHS2, REACH, WEEE
<b>Ordering Information</b>	
Product Part Number	905430



Identiv (NASDAQ: INVE) is a global security technology company that establishes trust in the connected world, including premises, information, and everyday items. CIOs, CSOs and product departments rely upon Identiv's trust solutions to reduce risk, achieve compliance, and protect brand identity. Identiv's trust solutions are implemented using standards-driven products and technology, such as digital certificates, strong authentication, mobility, and cloud services.

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).