HIRSCH

uTrust 2700 R

USB Contact Smart Card Reader

Application-ready CAC and PIV-approved reader features optional stand base.

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, including ISO/IEC 7816, USB CCID, PC/SC, and Microsoft WHQL, uTrust 2700 R 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.

It 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 Hirsch-specific SmartOS™ easily supports all major contact smart cards.

With uTrust 2700 R, experience convenience, transaction-time efficiency, security, and reliability for 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.

High-Security Features

Convenient

- Ultra-compact and robust design
- Available in USB-A or USB-C

Supports All Applications

- Supports ISO/IEC 7816 ID1 contact smart cards

Interoperable

- Supports major contactless card ICs, standards, and technologies

Fast and Convenient

- Transaction time optimized for maximum end-user acceptance
- Ready-to-use driver support for all PC and MAC OS

Optional Accessory

- Stand base kit

SMARTOS™ Powered

uTrust 2700 R

Parameter	Details
Supported Standards	ISO/IEC 7816, ID1, Class A/B/C support, T=0 , T=1 protocol EMV 2011 Ver 4.3 Level 1
Supported Smart Card Types	5V, 3V and 1.8V, ISO/IEC 7816 Class A/B/C
Smart Card Interface	ID1 8 pin sliding contact, Card present switch, C4/C8 support
Data Transfer Rate	Up to 600 kbps (depending on card), TA1=97
Driver and Software	
PC/SC Driver	PC/SC Specification Ver. 2. 04. 14. for: Windows® 7/8/10/11 (32 and 64 bit), Windows® Server 2008/2012/2016/2019/2022, macOS 10.9.x - 15.x, Linux 2.x-6.x (32 and 64 bit), Android 8.0 and higher, Chrome OS
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 & Communication	USB 2.0 Bus-powered
Power Consumption & Delivery	< 6mA, excluding smart card; 25 mA incl. smart card < 500µA in standby
Dimensions	70 x 60 x 16 mm (2.76 x 2.36 x 0.63 in) 70 x 63 x 62 mm (2.76 x 2.48 x 2.44 in) with stand base
Weight	66 g ± 5% (0.15 lb ± 5%), 204 g ± 5% (0.45 lb ± 5%) (with stand base)
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	100.000 hours
Connector	1.5m USB cable with USB type A or type C connector
Status Indicator	LED
Firmware	SmartOS™
Firmware In-Field Upgradeable	No

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Parameter	Details
Certifications / Compliance	
Systems/Standards E	EMV 20011 V4.3 Level 1, ISO/IEC 7816, USB 2.0, CCID, Microsoft® WHQL
Regulatory/Environmental	CE, FCC, UL60950, IEC 62368-1, UKCA, VCCI, ICES, ANZ, GSA APL, RoHS3, REACH, WEEE, TAA(USA), BIS
Product Part Number	905369-6 (USB-A) 905369-8 (USB-C) 905418-2 (optional stand kit)

We are committed to ensuring that all of our products are PFAS-free and that the minerals used are responsibly sourced. Through rigorous due diligence and adherence to industry standards, we strive to provide products that are safe, sustainable, and eth ically produced.

Hirsch is a global technology leader, revolutionizing physical security solutions, video intelligence, and digital identification systems.
For more information, visit hirschsecure.com or email sales@hirschsecure.com.

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