



uTrust 3700 F

13.56 MHz Contactless
Smart Card Reader/Writer



Contactless smart card reader/writer powers a wide variety of NFC and contactless applications.

uTrust 3700 F is the ideal combination of contactless and near field communication (NFC) technologies. This PC-linked reader works in end user environments where virtually all kinds of contactless credentials are used, even in mixed populations. With its all-in-one concept, uTrust 3700 F enables a smooth transition from well-established traditional technologies into emerging NFC applications, supporting new business. It represents the perfect mix between modern, stylish design and the same ergonomic operation of any credential form factor, like ID-1 cards, tokens, or NFC-enabled smartphones.

The Hirsch driver platform and Windows® Plug-and-Play driver support allow seamless integration into any end-user environment with very little or no administration. uTrust 3700 F can even be used in Android based systems.

It is flexible, reliable, and provides a perfect return on investment.

A stand base kit is offered as an optional accessory and simplifies use as a desktop reader/writer.

High-Security Features

User Convenience

- Modern design optimized for easy and ergonomic operation, even in limited space environments

Convergent

- Supports mixed credential populations and form factors
- Features 13.56 MHz contactless and NFC technology

Interoperable

- Supports major card ICs, standards, and technologies in just one device

Fast

- Transaction time optimized with support of 848 kbps in ISO/IEC 14443 for maximum end user acceptance
- Ready-to-use driver support for all major PC operating systems

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Parameter	Details
Supported Contactless Standards	ISO/IEC 14443, ISO/IEC 18092
Protocols	T=CL
Supported Contactless Card ICs	MIFARE® Classic Family, MIFARE Ultralight Family, MIFARE Plus Family, MIFARE DESFire Family, FeliCa™, Calypso, CD21, NFC Forum Tag Types 1/2/3/4
Data Transfer Rate	106/212/424/848 kbits/s, depending on card IC
Antenna	Integrated
Operating Conditions	
Power & Communication	USB 2.0 Bus-powered
Power Consumption	50mA, excluding card
Dimensions	91x75x12 mm 94 x 77 x 69 mm (with stand base)
Weight	44 g ± 5% (0.097 lb ± 5%) 104 g ± 5% (with stand base)
Operating Temperature Range	0° to 50° C (32° to 122° F)
Storage Temperature Range	-25° to 85°C (-13 to 185°F)
Operating Humidity Range	Up to 95% RH non-condensing
MTBF	~10M hours
Connector	1.5m USB cable with USB type A or Type C connector
Status Indicator	Dual color LED
Firmware	SmartOS™
Firmware In-Field Upgradeable	Yes
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

uTrust 3700 F Continued

Parameter	Details
Certifications / Compliance	
Systems/Standards	USB 2.0 Full Speed, CCID, Microsoft® WHQL
Regulatory/Environmental	CE, FCC, UL60950, IEC 62368-1, UKCA, NOM, VCCI, RoHS3, REACH, WEEE, TAA(USA), BIS
Product Part Number	905502-4 (USB-A) 905502-8 (USB-C) 905525 (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 ethically produced.