



uTrust 3700 F IG

IP-Rated, Industrial-Grade Contactless Reader



IP-rated contactless smart card reader/writer is perfect for clean rooms and industrial facilities.

Hirsch's uTrust 3700 IG combines the world-class technology of uTrust 3700 F with a unique industrial grade enclosure. This model handles a wider range of temperatures and climates and is ideal for industrial facilities and clean room environments.

The all-in-one concept enables a smooth transition from well established traditional technologies into emerging near field communication (NFC) applications, supporting new business opportunities. 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 mobile devices.

Our 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 IG can even be used with Android-based systems.

Experience convenience, transaction time efficiency, security, flexibility, and full NFC capability for applications including network log-on, secure web-based transactions, and NFC based customer loyalty programs. It provides secure in-field firmware upgrades, reliability, and a great return on investment.

Durable and Clean

- Designed to stand up to harsh environments; dustproof with maximum water resistance
- Polished high-grade plastics with ultrasonic welded seams keep it clean inside and out

All-in-One Flexibility

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

Fast and Convenient

- 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	95 x 75 x 12 mm
Weight	44 g ± 5% (0.097 lb ± 5%)
Operating Temperature Range	0° to 60° C (32° to 140° 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	
IP Rating	IP65
Systems/Standards	USB 2.0 Full Speed, CCID, Microsoft® WHQL
Regulatory/Environmental	CE, FCC, UL94, UL60950, IEC 62368-1, UKCA, NOM, ANATEL, VCCI, RoHS3, REACH, WEEE, TAA(USA), BIS
Product Part Number	905502-5 (USB-A)) 905502-7 (USB=C)

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.