IDENTIV

uTrust 3720 F HF+LF
125 kHz and 13.56 MHz Multi-Technology Smart Card Reader/Writer*

High-frequency and low-frequency technology combine in one device.

uTrust 3720 F 125 kHz and 13.56 Mhz Multi-Technology Smart Card Reader/Writer* integrates dual-frequency/multi-ISO (ISO/IEC14443 and ISO/IEC15693) contactless interface capabilities for a wide variety of identification applications.

Supporting 13.56 MHz and 125 kHz contactless technology, this PC-linked reader works in end-user environments where virtually all types of contactless credentials are used — including legacy ID cards — even in mixed populations.

The Identiv driver platform and Windows® Plug-and-Play driver support allow seamless integration into any end-user environment with very little or no administration.uTrust 3720 F (HF+LF) can even be used with Android-based solutions.

Identiv-powered SmartOS™ in-field upgradeable firmware makes uTrust 3720 F (HF+LF) a secure, forward-looking investment, providing both flexibility and fast time-to-market for new products and applications, as well as minimum risk linked to the evolution of technology standards. Ideal applications include electronic identification and e-passport, e-banking, and e-commerce.

Dual-Frequency
- Supports 125 kHz and 13.56 MHz contactless credentials

Multi-Protocol
- ISO/IEC14443, ISO/IEC15693, ISO/IEC 18092 NFC

Interoperable
- Supports major card ICs, standards, and technologies

Flexible
- Adjust to suit your needs with our configuration tool

Optional Accessory

Pre-assembled standing base kit:
- Convenient – End-user friendly reader presentation
- Flexible – Positioning, orientation, and ease-of-use
- Mountable – Desktop mounting option

Write is ONLY supported on HF, not on LF.

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Parameter	Details
Contactless Interface	
Supported Standards	ISO/IEC 14443, ISO/IEC 15693, ISO/IEC18092 and 125 kHz
Smart Card Protocols	T=CL (translated to T=1 for PC/SC compliance)
Supported Card Chips	MIFARE® Classic Family, MIFARE Ultralight Family, MIFARE Plus Family, MIFARE DESFire Family, FeliCa™, Calypso, CD21, NFC Forum Tag Types 1/2/3, ICODE® and LF (ASK, FSK and PSK)
Data Transfer Rate	ISO/IEC 14443 up to 848 kbps ISO/IEC 15693: 26/52 kbps
Operating Distance	Depending on the card and operating frequency
Antenna	Integrated high-frequency (HF) and low-frequency (LF) antenna
Driver and Software	
PC/SC DRIVER	PC/SC Specification Ver. 2.01.14 for: • Windows® 7/8/10/11 (32 and 64 bit) • Windows® Server 2008/2012/2016/2019 • Windows® 6.0, 7.0 • WindowsXP • MacOS 10.9.x - 12.1.x • Linux 2.6.x, and 3.x, 4.x, 5.x (32 and 64 bit) • Android 8.0 and higher
Software	PC/SC API
Operating Conditions	
Power Supply	Bus-powered USB
Power Consumption	200mA @ 5V
Dimensions	91 x 75 x 12 mm (3.583 x 2.953 x 0.472 in)
Weight	85 g
Operating Temperature Range	-20° to 70° C (-4° to 158° F)
Storage Temperature Range	-25° to 85°C (-13 to 185°F)
Operating Humidity Range	Up to 95% RH non-condensing
Status Indicator	LED and Buzzer
Firmware	Identiv SmartOS™
Firmware In-Field Upgradeable	Yes
Certifications / Compliances	
Systems/Standards	USB 2.0 Full Speed, CCID, and Microsoft® WHQL
Regulatory/Environmental	RED 2014/53/EU, FCC part 15 Subpart C, RoHS3, REACH, and WEEE
Ordering Information	
Product Part Number	905592 Optional Stand Base: 905525