



uTrust 3500 F

13.56MHz ISO/IEC 14443 and NFC Reader/Writer Module

■ INTEGRATION EFFICIENCY

Compact yet easy-to-integrate performance-oriented design device drivers for all major PC operating systems

■ CONVERGENCE

Featuring ISO/IEC 14443 and NFC ISO/IEC 18092 Standard supporting mixed credential populations, form factors and technologies. Upgradeable firmware

■ FAST

Optimized transaction time supporting data rate of 424 kbps in ISO/IEC 14443 for maximum end-user acceptance

Identiv's uTrust 3500 F contactless USB-CCID reader/writer module is the ideal combination of contactless and NFC technologies in just one single device. Supporting 13.56 MHz contactless technology and NFC, this PC-linked reader supports end-user environments where virtually all types of contactless credentials are being used, even in mixed populations.

With its all-in-one concept, the uTrust 3500 F enables a smooth transition from well-established traditional technologies into emerging NFC applications, supporting new business opportunities. The compact yet easy-to-integrate performance-oriented reader board allows a cost-efficient and smooth integration into virtually all systems, such as kiosks, terminals, or desktop devices. ID-1 cards, any kind of token, or even NFC-enabled smartphones are the ideal credentials for this reader-writer module.

The Identiv driver platform, as well as the Windows® Plug-and-Play driver support, allows a seamless integration into any end-user environment with very little or no administration. The uTrust 3500 F reader board can even be used on Android-based solutions.

With uTrust 3500 F, the end user experiences convenience, transaction-time efficiency, security, flexibility, and full NFC capability for applications including network log-on, secure web-based transactions, and even NFC-based customer loyalty programs. The product has also been designed for secure in-field firmware upgrades and great reliability, providing a perfect return on investment.

PARAMETER	UTRUST 3500 F
Host Interface	USB-CCID, USB 2.0 Full speed (12 Mbps)
Contactless Interface	
Supported Standards	<ul style="list-style-type: none"> • ISO/IEC 14443 • ISO/IEC 18092 • JIS: X6319-4 (FeliCa)
Protocols	T=CL
Supported Card Chips	MIFARE® Classic, MIFARE Ultralight, MIFARE Ultralight C, MIFARE PLUS, MIFARE DESFire EV1/EV2/EV3, FeliCa™, Calypso, CD21, NFC Forum Tag types 1/2/3/4, my-d move – SLE 66RxxP, my-d move NFC – SLE 66RxxPN, SLE 66RxxS, SLE 55RxxE, SONY FeliCa
Data Transfer Rate	106/212/424/848 kbps (depending on card IC)
Reading Distance	Up to 40 mm (1.575 in), depending on card chip type and card antenna size
Antenna	Integrated
Driver and Software	

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PC/SC Driver	PC/SC Specification Ver. 2.01.13 for: <ul style="list-style-type: none"> Windows® Vista/7/8/10 (32 and 64 bit) Windows® Server 2003/2008/2012 Windows® CE 6.0, 7.0 MacOS 10.5.x, 10.6.x, 10.7.x, 10.8.x, 10.9.x, 10.10.x, 10.11.x Linux 2.4.x, 2.6.x, 3.x (32 and 64 bit) Android 4.0 and higher
Software	PC/SC API
Operating Conditions	
Power Supply	Bus-powered USB
Power Consumption	<200 mA, excluding smart card; <500 µA in Standby Mode
Dimensions	80 x 60 x 8 mm
Weight	10 gms
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
MTBF	100,000 hours
Connector	5-Pin Molex connector; Part Number: MOLEX (53254-0570) 5 PIN 2 mm CONNECTOR
Status Indicator	Bi-color LED: Red/green
Firmware	SmartOS™
Firmware In-Field Upgradeable	Yes
Certifications and Compliances	
Systems/Standards	USB 2.0 Full Speed, CCID, Microsoft® WHQL
Regulatory/Environmental	CE, RoHS2, REACH, WEEE, FCC ready
Ordering Information	
Product Part Number	905502-2

Identiv, Inc. (NASDAQ: INVE) is the leading global player in physical security and secure identification. Identiv's products, software, systems, and services address the markets for physical and logical access control and a wide range of RFID-enabled applications. Customers in the government, enterprise, consumer, education, healthcare, and transportation sectors rely on Identiv's access and identification solutions. Identiv's mission is to secure the connected physical world: from perimeter to desktop access, and from the world of physical things to the Internet of Everything.

Identiv has offices worldwide. Addresses and phone numbers are listed at [identiv.com/contact](https://www.identiv.com/contact). For more information, visit [identiv.com](https://www.identiv.com) or email sales@identiv.com.

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