

CLOUD 3700 F

Contactless Smart Card Reader



■ **CONVENIENT**

Modern, compact casing design for easy, ergonomic operation in limited-space environments

■ **CONVERGENT**

Features contactless and NFC technologies for use with mixed credential populations and form factors

■ **INTEROPERABLE**

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

■ **FAST**

Transaction time optimized with 848 kbs support in ISO/IEC 14443 for maximum end-user acceptance

■ **READY TO USE**

Driver support for all major PC operating systems

Typical Applications

The CLOUD 3700 F is the ideal combination of contactless and NFC technologies in just one single device.

Featuring 13.56 MHz contactless technology and NFC, this PC-linked reader supports end-user environments where virtually all kinds of contactless credentials are being used, even in mixed populations.

With its all-in-one concept, the CLOUD 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 smart phones.

The new casing provides multiple mounting options to perfectly combine end-user convenience and system-operator need for reliability in nearly every use application.

The Identiv driver platform, as well as the Windows® Plug-and-Play driver support, allows for seamless integration into any end-user environment with very little or no administration. The CLOUD 3700 F can even be used on Android-based systems.

With CLOUD 3700 F, the end user experiences convenience, transaction-time efficiency, security, flexibility and full NFC capability for applications such as 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.

Optional Accessory

CLOUD 3700 F with Stand Holder

- Reader can be ordered with pre-assembled standing base kit
- Convenient – End-user friendly reader presentation
- Flexible – Best reader positioning and orientation for mounting and ease of use
- Fitting-Ready – Desktop mounting option



PARAMETER	IDENTIV CLOUD 3700 F	IDENTIV CLOUD 3700 F WITH STAND HOLDER
Host Interface		
Host Interface	USB 2.0 CCID (USB 1.1 / 3.0 compliant)	
Communication Speed	12 Mbps (USB 2.0 full speed)	
Contactless Interface		

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PARAMETER	IDENTIV CLOUD 3700 F	IDENTIV CLOUD 3700 F WITH STAND HOLDER
Supported Standards	<ul style="list-style-type: none"> • ISO 14443 Part 1 to 4 • ISO 18092 	
Protocols	T=CL	
Supported Card Chips	<ul style="list-style-type: none"> • MIFARE™ (Classic, Ultralight, Ultralight C, MIFARE PLUS, DESFire, DESFire EV1 2/4/8k) • 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 • HID iCLASS UID* 	
Data Transfer Rate	106/212/424/848 kbs, depending on card IC	
Reading Distance	Up to 60 mm / 2.362 in, depending on card chip type, card antenna size and NFC-enabled mobile phone type	
Antenna	Integrated	
Driver and Software		
PC/SC Driver	PC/SC specification ver. 2.01.09 for: <ul style="list-style-type: none"> • Windows® XP/Vista/7/8/8.1 (32 / 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 • Linux 2.4.x, 2.6.x (32 / 64 bit) • Android 4.0 and higher 	
Software	PC/SC API	
Operating Conditions		
Power Supply	Bus-powered USB	
Power Consumption	< 200mA; <600µA in standby mode	
Dimensions	91x75x12 mm / 3.583x2.953x0.472 in	86x77x69 mm / 3.386x3.031x2.717 in
Weight	44 g ± 5% / 0.097 lb ± 5%	64 g ± 5% / 0.141 lb ± 5%
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	
MTBF	100,000 hours	
Connector	1.5 m USB cable with USB type A connector	
Status Indicator	LED	
Firmware	SmartOS™	
Firmware In-field Upgradeable	Yes	
Certifications / Compliances		
Systems / Standards	USB 2.0 Full Speed, CCID, Microsoft® WHQL	
Regulatory / Environmental	CE, FCC, UL94, UL60950, VCCI, RFLJ, RoHS2, REACH, WEEE, GSA	
Ordering Information		
Product Part Number	905502	905502_5000

Technical data are subject to change without notice.

CONTACT

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