MID RFID Badge Reader

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Description

The MID RFID Bade Reader combines contactless and NFC technologies in a single device.

With 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 reader enables a smooth transition from well-established traditional technologies The Identitv driver platform, as well as the Windows® Plug-and-Play driver support, allow seamless integration into any end-user environment with very little to no administration.

The product also has been designed for secure in-field firmware upgrades and great reliability.

Benefits

- » Ergonomic & convenient
- » Contactless & NFC
- » Support all major cards, standards & technologies
- » Fast
- » Cross-platform

Specifications

Interface	
Host Interface	USB 2.0 CCID (USB 1.1 / 3.0 compliant)
Communication Speed	12 Mbps (USB 2.0 full speed)

Contactless Interface	
Supported Standards	ISO 14443 Part 1 to 4 ISO 18092
Protocols	T=CL
Supported Card Chips	Lascom cards MIFARE™ (Classic, Ultra-light, Ultralight C, MIFARE PLUS, DESFire, DESFire EV1 2/4/8k), FeliCa™, Calypso, CD21, NFC Forum Tag types 1/2/3/4
Data Transfer Rate	106/212/424/848 kpbs, depending on card IC

televic
conference

Reading Distance	Up to 5 mm / 0.197 in for Lascom cards Up to 40 mm / 1.575 in for all other cards, depending on card chip type and card antenna size
Antenna	Integrated

Driver & Software

PC/SC Driver	PC/SC specification ver. 2.01.14 for: Windows® 7/8/8.1 (32 / 64 bit) Windows® Server 2003/2008/2012 MacOS 10.6.x, 10.7.x, 10.8.x Linux 2.6.x (32 / 64 bit) Android 4.0 and higher
Software	PC/SC API

Operating Conditions

Power Supply	Bus-powered USB
Power Consumption	50mA excluding card
Dimensions	44 g ± 5% / 0.097 lb ± 5%
Weight	44 g ± 5% / 0.097 lb ± 5%
Operating Temperature Range	0° to +50° C / +32° to +122° F
Storage Temperature Range	-25 to +85° C / -4 to +140° F
Operating Humidity Range	Up to 95% RH non-condensing
MTBF	~10M hours
Connector	1.5 m USB cable with USB type A connector
Status Indicator	LED
Firmware	SmartOS™
Firmware In-Field Upgradeable	Yes

Certifications

Systems / Standards	USB 2.0 Full Speed, CCID, Microsoft® WHQL
Regulatory / Environmental	CE, FCC, UL94, UL60950, VCCI, RFLJ, RoHS2, REACH, WEEE