@MAXX® lite

Mobile device for secure transactions, private data handling and storage

Key Hardware features
1 Smart card reader
2 Internal antenna connected to C4/C8
3 built-in Flash memory
4 LED status indicator

LEGIC
innovation in ID technology
Official Partner

McAfee
COMPATIBLE

Overview

@MAXX® lite offers fixed memory space, along with smart card based security and functionality. Plugged into any free USB port, this mobile device offers secure high-performance and cost-efficient handling of sensitive data.

The built-in smart card reader, on-board flash memory make @MAXX® lite the ideal device for implementing numerous secure applications.

In combination with a SIM-sized dual interface smart card and its built-in antenna connected to C4/C8, @MAXX® enables ISO14443 and Mifare based applications. @MAXX® can operate in PC connected mode and provides contactless smart card functionality in autonomous mode.

Operating modes & application examples

PC connected mode

- booting into secure environments performing transactions and sensitive data processing in a secure manner
- support data encryption on hard disk and board flash memory
- logical access (secure PC and network log on)
- secure password storage in a smart card (encrypted) or in other on board memory
- web form filling using securely stored user information

Autonomous mode

- physical access (to facilities)
- logical access (PC & networks)
- contactless electronic payment* (e.g. Mastercard Paypass, Visa Wave or ExpressPay)
- contactless electronic ticketing* (public transportation, event ticketing)

* depends on used smart card chip & applications

LEGIC advant Transponder

Together with a SmartMX dual-interface smart card which is initialized with the LEGIC advant All-in-one area®, @MAXX® lite can be used as Legic advant transponder for several applications like access control, payment, as an employee batch, and others.

@MAXX® lite

Technical Data

Interfaces			
Host	USB		• High speed USB • Mass Storage compliant
Smart Card	contact		• ISO7816 class A, B support • T=0, T=1 protocol support • 8 friction contacts, ID-000 format
	contactless		• Built-in antenna connected to C4 and C8 of smart card module • Accepts dual interface "Plug in Type" cards in ID000 (SIM) format • ISO14443, Mifare*
Human	optical		• blue LED
Software	API		• PC/SC
Operating Systems			• Windows® 7, Vista, XP, Server 2003 • Mac OS X, Linux
Power	USB		• bus powered
Dimensions	L x W x H [mm]		• 66.7 x 24.5 x 11.6
Weight	[g]		• 15 (without any media)
Operating Temperature	[°C]		• 0 to 50
Approvals	Functional		• FCC Class B, CE Class B, VCCI • USB planned • Certified for Windows® Vista • PC/SC
	Environmental		• RoHS, WEEE

* if supported by smart card chip
Technical data are subject to change without notice

@MAXX® lite Benefits

- Convenient and portable multi-functional token
- Flash storage 2GB
- Flexibility to use any smart card
- Operates as contactless token

- PC/SC compatible drivers
- USB high speed device
- Support Zerofootprint applications
- Customizing options: colour and company logo

The SCM Microsystems' Advantage

Trusted Partner

- ASIC (application specific IC) and smart card reader development experience since 1990
- Innovative solutions - more than 50 patents filed
- Reliable high-quality mass production capability - more than 15 Mio. reader solutions deployed to date
- Active role in standardization committees
- Complex project management expertise e.g. U.S. Department of Defense CAC program, electronic ID applications (ePassport, health card projects, national ID, driver licence)

Support

- Global presence and support
- Product customization options
- Product branding
- Dedicated Research & Development and customer support team
- Strong global partnership network with leading suppliers along the value chain (smart card manufacturers, application providers, system integrators, device manufacturers)

Trusted Products

- Broadest portfolio of security technology products - for governments, corporations, financial institutions, small and medium-sized enterprises and individuals around the globe
- Secure smart chip reader design - certified and compliant to EMV, Common Criteria, PC/SC, USB
- High-quality products designed to meet the various requirements in the data security area
- Flexible and future proof solutions - SCM's SmartOS™ firmware and its own ASIC technology allow in Field upgrades and secure your investment