@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

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.

LEGIC
innovation in ID technology
Official Partner

Multifunctional Token

@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		• 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