

@MAXX® ID-1

Mobile device for secure transactions, private data handling and storage



Key Hardware features

- 1 Smart card reader
- 2 built-in Flash memory (1 GB)
- 3 LED status indicator

@MAXX® ID-1 benefits

- Convenient , portable secure smart token
- Integrated ID1 contact chip card reader and on board flash memory
- Smart card based secure identification and authentication
- Secure private data processing and storage
- PC/SC compatible drivers Windows(TR) (incl. Win7), MacOS, Linux
- Customization options: Logo, casing colour*

Overview

@MAXX® ID-1 offers on board flash memory, 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 and on-board memory makes @MAXX® ID-1 the ideal device for implementing numerous secure applications such as e-Banking, e-Government, web service access.

Due to its compact design the @MAXX® ID1 is ideally suited as a portable device which easily fits into the users pocket or key ring.

Application examples

- Easy deployment of applications stored in on board memory
- Booting into secure environments and secure processing of sensitive data
- Data encryption on hard disk and applications
- Secure log on to PCs, networks and web services
- Secure password and user profile storage and processing
- Digital signing of emails, documents and transactions

Multifunctional Token

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Technical Data

Interfaces		
Host	USB	<ul style="list-style-type: none"> • High speed USB • Mass Storage compliant
Smart Card	contact	<ul style="list-style-type: none"> • T=0, T=1 protocol support • Memory card support through SCM MCARD API • Communication speed up to 344 kbps (PPS, FI parameter) • Frequency up to 8 MHz (PPS, DI parameter) • Support ISO 7816 Class A, B and C smart card • 8 contacts - ISO 7816 location • Friction contact, 100,000 insertions
Human	optical	<ul style="list-style-type: none"> • red LED
Software	API	<ul style="list-style-type: none"> • PC/SC
Operating Systems		<ul style="list-style-type: none"> • Windows® 7 • Windows® Vista, XP, Server 2003, 2000, ME, 98 • Windows® Vista, XP, Server2003 (AMD64/EMT64) • Windows® CE 3.0, 4.1, 4.2, 5.0, 6.0 • MacOS, Solaris, Linux 32-bit (2.4.x, 2.6.x)/64-bit
Power	USB	<ul style="list-style-type: none"> • bus powered
Dimensions	L x W x H [mm]	<ul style="list-style-type: none"> • 80 x 35 x 15.3
Weight	[g]	<ul style="list-style-type: none"> • 20 (without any media)
Operating Temperature	[°C]	<ul style="list-style-type: none"> • 0 to 50
Approvals		
	Functional	<ul style="list-style-type: none"> • CE • VCCI, FCC, ul (on request)
	Environmental	<ul style="list-style-type: none"> • RoHS, WEEE

Technical data are subject to change without notice.

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