@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-1offers 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

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Technical Data

Interfaces			
Host	USB		• High speed USB • Mass Storage compliant
Smart Card	contact		• 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		• red LED
Software	API		• PC/SC
Operating Systems			• 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		• bus powered
Dimensions	L x W x H [mm]		• 80 x 35 x 15.3
Weight	[g]		• 20 (without any media)
Operating Temperature	[°C]		• 0 to 50
Approvals	Functional		• CE • VCCI, FCC, ul (on request)
	Environmental		• 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