ID1 format smart card reader
Portable ergonomic design

Plug & Play - CCID compliant for easy plug & play (no additional USB driver is required of operating systems supports CCID).
Readily compliant - meets all relevant industry standards,
Unique design & form factor - the small size makes it an ideal reader for personal and business usage.
Suit Any Application – Compatible with virtually any smart card and major PC operating systems.
The +ID+ usb reader is a fully compliant with iso 7816.

FEATURES
Compact size smart card reader/writer

TYPICAL APPLICATIONS
-e-Identification
-e-Government
-e-Banking and e-Payment
-e-Healthcare
-e-Commerce
Estonian e-Residency
Public key infrastructure / digital signature
Network Security
Access Control system
Loyalty Program
Pre-paid card system

SPECIFICATIONS
Dimensions 57mm [ L ] - 7.7mm [ H ] - 12.56mm [ W ]
Weight 5 g
IC RTS 5169
Power supply DC + 5V Built-in 3.3v regulator for single 5v operation
Operating temperature 0° - 70° C
Operating humidity 20 - 95 %
Host Interface Serial (RS232/TTL) & USB 2.0 CCID (also compliant with USB 1.1)
Transmission speed 12 Mbps (USB 2.0 full speed) 115,200 kbps (serial)
Standards ISO 7816 6 EMV 2000 ver.4.1 Level 1
Protocols T = 0, T = 1 2-wire SLE 4432/42 (S=10)3-wire SLE 4418/28 (S=9) I2C (S=8)
Smart Card Interface speed 420 Kbps (when supported by card)
Smart Card clock frequency Up to 8 Mhz
Supported Card types 5V, 3V and 1.8V Smart Cards ISO7816 Class A, AB and C
Card size ID-1 (full-size)
Card Thickness 0.76 mm ± 0.08 mm
Power to Smart Card 60mA
Power consumption Power on 100mA max, Short circuit protection
Smart card contact resistance 0.5 Ohm max between two line
Ripple 100 mVp-p max
Smart card detection Movement Detection with auto power-off Automatic Detection of Smart Card type Short Circuit and thermal protection
8 Pin Handling C4 / C8 supported
Supported APIs PC/SC driver (ready for 2.01)CT-API (on top of PC/SC)Synchronous-API (on top of PC/SC) OCF (on top of PC/SC)
I2C (on top of PC/SC)
PC/SC Driver Support XP SP3 32/64 Bit 2003 Server Windows® CE 5.0 / CE NET (depending on hardware) Windows® Vista (32 /64 bit), Windows® 8 Mac® OS X (Power PC / Intel)Linux®
Drivers CCID-compliant (Mac® OS X, Windows®, Linux®)
Status indicator 1 led indicator (WHITE)
Compliance / Certification Certification Microsoft® WHQL EMV 2000 Level 1 ISO 7816 USB 2.0 (USB 1.1 compatible) CCID
Safety / Environmental FCC, CE, ROHS
Color Black and White matte
Composition PC
Life cycle durability 100,000 + insertions
Warranty Two year manufacturer’s warranty