+iD®
SMART CARD/microSD READER
SMART & SMALL

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WABRIKWÖRKS
www.pluss-id.com

ID1 FORMAT SMART CARD AND microSD* READER
PORTABLE ERGONOMIC DESIGN
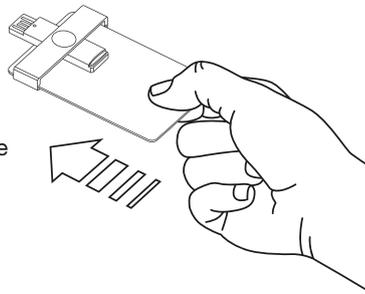VARIOUS CAPACITY microSD CARDS ARE AFFORDABLE AND EASILY REPLACEABLE

PLUG AND PLAY - DESIGNED TO FACILITATE EASY DEVICE INSTALLATION FOR ALL MAJOR OPERATING SYSTEMS
READILY COMPLIANT - MEETS ALL RELEVANT INDUSTRY STANDARDS
UNIQUE DESIGN & FORM FACTOR - THE SMALL SIZE MAKES IT AN IDEAL READER FOR PERSONAL AND BUSINESS USAGE
SUITS ANY APPLICATION - COMPATIBLE WITH VIRTUALLY ANY SMART CARD AND MAJOR OPERATING SYSTEMS (WINDOWS, MAC OS X, LINUX)
THE "+iD" USB READER IS A FULLY COMPLIANT WITH ISO 7816 .

*MICROSD CARD NOT INCLUDED

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FEATURES

Compact size smart card reader/writer
R/W Smart card & memory card (SD/Micro-SD/MMC/MS/MS-pro/T-Flash)

TYPICAL APPLICATIONS

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

56.5 mm

12.1 mm

SPECIFICATIONS

Dimensions	56.5mm [W] - 7.6mm [H] - 12.1mm [D]
Weight	9,5 g
Power supply	DC + 5V Built-in 3.3v regulator for single 5v operation
Operating temperature	0° - 70° C
Operating humidity	20 - 95 %
Host Interface	USB 2.0 CCID1 (Chip Card Interface Device), (also compliant with USB 1.1)
Transmission speed	12 Mbs (USB 2.0 full speed)
Standards	ISO 7816 & SLE4442/4428, SD,T-Flash
Protocols	T = 0 and T = 1 Asynchronous
Card size	ID-1 (full-size)
Card Thickness	0.76 mm ± 0.08 mm
Supported card types	ISO7816 -1,-2,-3,-4 & SLE4442/4428, SD,T-Flash
Power to Smart Card	5V, 3V, 1.8V (A,B,C type)
Power consumption	Power on 100mA max, Short circuit protection
Power consumption smart card (Read / Writing)	150mA Max
Smart card contact resistance	0.5 Ohm max between two line
Ripple	100 mVp-p max
Smart card/microSD card detection	Auto detection
8 Pin Handling	C4 / C8 supported
Supported APIs	WHQL, CCID driver PC/SC driver (ready for 2.01)
PC/SC Driver Support	PC/SC 1.1 PC/SC 2.0
Status indicator	1 led indicator (BLUE)
Color	Black matte
Customers logo option	FEATURES
Composition	Aluminum and ABS/PC
Life cycle durability	100.000 + insertions
Compliance / Certification	EMV 2000 Level 1 Microsoft® WHQL, USB 2.0 (USB 1.1 compatible)
Safety / Environmental	FCC, CE, ROHS
Warranty	Two year manufacturer's warranty

ASSEMBLED IN TAIWAN.

DESIGNED IN ESTONIA

+iD