



mobichk is the latest generation of mobile identification computers, which incorporates a significant number of features to include a FIPS 201 FAP30 certified fingerprint reader, ISO compliant contact and contactless HID card reader, physical keyboard, optional cellular carriers, GPS, 1D/2D barcode scanner, 3MP camera, touch screen gorilla glass display, magstripe reader, full windows mobile OS, under 2lbs, IP 64 rated handheld. And because this is a snap-on module the snap-on can be connected to a USB connector to be used with a PC. The snap-on provides the fingerprint reader, Smartcard readers and magstripe.

Fingerprint Sensor

Specifications

- Sensing Area 0,08" x 1.0" (FAP 30)
- 500 PPI
- Image Size 400 x 500 pixels
- Operates in direct sunlight
- No light emission in night conditions
- No prisms or silicon pads
- Speed 7 Frames Per Second
- IEC61000-4-2, Air Discharge: +/-15kV
Contact Discharge: +/-8kV

Standard Compliant

- FAP-30 FBI certified fingerprint sensor
- ISO/IEC 19794-2-2005 (Fingerprint Minutiae Data)
- ISO/IEC 19794-4-2005 (Fingerprint Image Data)
- ANSI/INCITS 378-2004 (Fingerprint Minutiae for Data Interchange)
- FCC/CE
- RoHS
- Can generate ISO, ANSI, template, WSQ files

Contact Smart Card Reader

Specifications

- Read and Write ISO-7816 contact smart card of different types and different voltages
- Support protocol T=0, T=1

Standard Compliant

- Support up to 2048bit RSA encryption
- PIV FIPS-201
- ISO 7816 standard, parts 1, 2, 3 and 4

Contactless Smart Card Reader

Specifications

- Read ISO-14443/A-B contactless cards
- Read and Write ISO-15693 (HID iCLASS)
- Read FeliCa™ (Idm), CEP AS (CSN)
- Support a full range of contactless card readers:
 - iCLASS Seos
 - iCLASS SE
 - Standard iCLASS
 - MIFARE
- Supported Credentials & Ic's:
 - MIFARE Classic
 - MIFARE DESFire 0.6
 - MIFARE DESFire Ev1
 - HID: iCLASS Standard/SE/SR/Seos
 - PIV II
 - Secure Identity Object (SIO)

Standard Compliant

- PIV FIPS-201
- UL Recognition (Recognized Component)
- UI294 for the USA and CSA C22.2 No. 205
- RoHS
- WEEE



Mag Stripe

Specifications

- Bi-directional card reading
- Reading ISO 7810 and 7811
- Reads up to three tracks of card data that meets ANSI/ISO/AAMVA/JIS standards
- Card speed: 4 to 60 inch per second

Standard Compliant

- AAMVA - American Association of Motor Vehicle Administrators
- Formats supported: ANSI, ISO/IEC (4909, 7810, 7811, 7813 & 8583), CA MVA, IATA and ABA

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