



Features

- Barcode/MRZ decoding
- Optical Fingerprint BSI and FBI-PIV certified
- FBI certified at SAP30
- High Resolution Photo Capture (3 MP)
- Flexible wireless options
- Sealed for operation in harsh environments
- Modular architecture

MiScan

Mobile identification and border control solutions for all environments

L-1 applications integrated with the new MiScan mobile device provide an FBI-certified, IP-65 rated solution that meets ePassport and identification requirements for maritime, customs, and border control applications. MiScan has a modular, open architecture and features that facilitate integration and customization while meeting the NIST “Mobile ID Device Best Practice Recommendations.”

The optical fingerprint reader certified by both FBI (PIV) and BSI, MiScan delivers reliable fingerprint identification and verification. MiScan provides accurate on-the-spot and remote identification for all applications where instant authentication is required, including ePassport.



Features

- Optical 1" x 1" fingerprint scanner certified by both the US Federal Bureau of Investigation to PIV SAP 30 and the German Federal Office for Information Technology (BSI) to Appendix F equivalents, contact and contactless card readers, and a 3 megapixel auto-focus camera for reliable identification in any environment
- Includes all the hardware and software modules to satisfy technical requirements for on-the-spot identification and remote wireless data communication via UMTS/GPRS, 802.11 b/g (WiFi), GPS and Bluetooth
- Complete SDK to provide system integrators full control of integrated hardware modules
- One-handed operation keeps the operator safe from an uncooperative subject
- Large color LCD touch screen and a friendly, easy to use interface

MiScan Specifications*

System Performance	CPU: PXA320 @ 806Mhz, 1GB flash, 128MB SD-RAM 3.5" color LCD TFT touchscreen
Operating System	Windows CE 5.0
Biometric Acquisition	1" x 1" optical fingerprint scanner 500dpi, FBI-PIV and BSI certified Color auto-focus camera with 3 megapixel with white LED illuminator
Smart Card Readers	ISO7816 contact smart card ISO14443 a/b contact less smart card
Communication	GSM/GPRS/EDGE and UMTS/HSDPA wireless data module Bluetooth 2.0 Class 2 WiFi 802.11b/g (on SD Card module) USB 1.1 client
GPS	SiRFstarIII, 20 channels
Memory Expansion	SD card slot MicroSD card slot
User Interface	3.5" color LCD TFT touchscreen Physical keypad with 9 programmable smart buttons 4 LED indicators (battery status, smartcard contact and contact-less status, wireless data module) Internal buzzer Headset/Mic Connector
Power	Battery (Li-ion 7,4V – 2400 mAh) 12V DC battery charger Car lighter adapter
Environmental	IP65 for dust and water protection Ruggedized according to MIL-STD-810F
Dimensions	Height:221mm(8.7in) Length:93mm(3.7in)/58mm(2.3in) (handle) Width:54mm(2.1in)/45mm(1.8in) (handle)
Weight	850gm (1.9lb)
Software	Complete SDK including fingerprint image acquisition, enhancement and compression Photo acquisition and elaboration 1/2D barcode decoding MRZ/OCR decoding 1:1 – 1:N fingerprint verification and identification (optional)

*Specifications are subject to change without prior notice.
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