

IDENTIFICATION

MORPHOCHECK™

THE PORTABLE E-DOCUMENT CHECKER



The MorphoCheck™ terminal is designed to verify the new generation of electronic identification documents with embedded biometric data. Compact and autonomous, it can be easily used in the field by police and security forces, customs staff, border control and immigration officers.

- User-friendly handheld terminal for identity checks
- Meets all international standards
- Reads all documents based on contact/contactless chips, 2D barcodes and MRZ (Machine Readable Zone) technology
- Integrated connectivity: Bluetooth®, WiFi™, GSM/GPRS/EDGE

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THE PORTABLE E-DOCUMENT CHECKER

The MorphoCheck™ handheld terminal can be used directly in the field, without any additional infrastructure. It is based on Morpho fingerprint encoding and matching algorithms, the most powerful on the market according to independent testing.



TECHNICAL CHARACTERISTICS

- Integrated connectivity: Bluetooth®, WiFi™ and GSM / GPRS / EDGE (optional).
- Optical character recognition (OCR) for MRZ, as defined by the ICAO (International Civil Aviation Organization).
- FBI PIV IQS compliant fingerprint optical sensor (500 dpi / 0.6" x 0.8" acquisition area).
- ISO 7816 contact card reader and ISO 14443 A/B contactless card reader.
- Built-in PDF 417 2D barcode reader.
- Standard Windows Mobile® platform.
- Compliant with international standards, including those defined by the ICAO for European e-passports: Basic Access Control (BAC) and Extended Access Control (EAC), International Driver's License (IDL) standard (ISO 18013).

A HOST OF FEATURES

- e-document authentication.
- **Personal identification:** one-to-many searches on a local database (up to 180 000 records).
- **Secure data transmission,** using an automated fingerprint identification system (AFIS) to perform larger-scale searches on regional or national criminal databases.
- **Powerful new PDA:** a rugged, portable terminal fully compatible with outdoor use (IP54).
- 3.7" VGA color touch screen.
- **Run time** exceeding 8 hours.
- Can be delivered with **MiMs or BDk applications** (Basic Development Kit).

MODEL/VERSION	CONTACT AND CONTACTLESS (RFID) CARD READER	2D BARCODE READER	MRZ SWIPE READER
MC 200	✓		
MC 250	✓	✓	
MC 300	✓		✓

WIFI™ AND GSM/GPRS/EDGE AVAILABLE ON ALL MODELS (OPTIONAL)

AFIS: Automated Fingerprint Identification System

RFID (Radio Frequency Identification): a method used to store and retrieve data from a distance, for identification purposes. An RFID system comprises three main components: an antenna, a transceiver and a transponder (the "tag" on the object to be identified).

Morpho

Phone: +33 (0)1 58 11 25 00 - Fax: 33 (0)1 58 11 25 50 - www.morpho.com
 Registered Office: 11, boulevard Gallieni - 92130 Issy-les-Moulineaux - FRANCE
 Société anonyme au capital de 159.876.075 euros - 440 305 282 RCS Nanterre

