MORPHO IDENTIX

Taking document authentication
to the next level

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Checking the authenticity of a document is always a challenge for inspection officers and security personnel. With Morpho Identix, document reading is faster, easier and more effective in detecting document forgery.

Morpho Identix is a document authentication solution that automatically authenticates a wide range of travel and identity documents around the world: Passports, visas, immigration cards or resident permits, national ID cards, driver's licenses.

- **Reads thousands of international travel** and identity documents. Documents are read and processed in only a few seconds,

- **Checks security features** in different light sources such as visible, UV and IR,

- **Easy to use, automatically informs operators** in case of alert, no training required,

- **Numerous data sorting, archiving and report run options** to meet country privacy and data protection laws.

MORPHO SOLUTION OFFERS A UNIQUE COMBINATION OF BEST-OF-BREED TECHNOLOGIES:

> **DESKO PENTA document scanner,**

> **MORPHO IDENTIX document authentication:**

- Based on 15 years of experience with a leading solution (formerly known as "iA-Thenticate"),

- Broad coverage: +3000 documents (ICAO and non ICAO, driving licences...),

- More than 14,000 document authentication solutions deployed in critical applications, in particular border control applications,

- Formerly only available with Morpho B5000 scanner. **Now available with DESKO PENTA Scanner**

TYPICAL USE CASES

BORDER CONTROL

- Identity verification,
- Fraud detection.

E-KYC

- Anti-Money Laundering compliance,
- Identity verification to open bank account,
- When opening telecommunications account, risk and fraud assessment.

POLICE IDENTITY CHECK

ID document check (ID card, visa, passport) for identity verification.

KEY FEATURES

Document authentication
+3000 documents (ICAO and non ICAO, driving licences... Multilayered security through multiple checks: Identification, checksum, B900 ink, security patterns (visible, UV, IR), IR & UV brightness, smart card check, chip-MRZ cross-check...

OCR recognition
Read rate of at least 99% of Passport data from machine readable passports and identification cards according to ISO/IEC 7501-1 and ICAO 9303.

RFID & NFC reading:
Dual antenna to read RFID documents according to ISO 14443(A/B), ISO 7816 (incl. US passport), ICAO 9303.

User feedback:
Multi color LED: On the front 2 additional multicolor LEDs

Rugged design:
Solid box, extra toughened glass, PERLUCOR® glass option

OPTIONAL FEATURES

• OEM Versions Available: for gates & kiosk projects

• Display: 4,3" (480 x 272 pixels) full graphic multicolor display with integrated touch and external LEDs

• MSR reading: up to 4-track bi-directional magnetic stripe reader, reads all magnetic stripe encoded in equivalence to IATA resolution 1720a and 722 and ISO 7811/2-5)

• Auxiliary port to connect a receipt printer or a handheld barcode gun (true Serial Host Interface: 2 RS232 by DE-9 / SUBD9 socket), LAN/WAN/3G extension to access and control the PENTA via a network connection

• Battery pack (12 hours autonomy)

• Barcode recognition: 2D barcode documents printed on paper or presented on display e.g mobile phone.

TECHNICAL INFORMATION

Image Resolution:	150 up to 500dpi
Light Bands:	Visible (wavelength 5 600K) and Infrared (wavelength 850nm), Ultraviolet (wavelength 365nm) (optional)
Interface to the PC:	USB 2.0 host
Size:	LxWxH : 218x143x118mm (8,6"x5,6"x4,6")
Power Voltage:	5V DC +/- 5%, different country versions available
Supply Current:	2,5A max.
Storage Temperature:	-10°C to +60°C
Operating Temperature:	0°C to +50°C
Humidity:	20% to 80% (RH non condensing)
Reliability:	MTBF = 180 000 hours
Standards:	CE and FCC compliance

SOFTWARE OPTIONS

MORPHO IDENTIX with DESKO PENTA Scanner run on Windows 7 & 10.

Graphical User Interface or integration via SDK.

Minimal PC configuration:
• Processor: Intel Core 2 Duo 2.6 GHz or better
• RAM: 512 MB minimum
• Free disk space: 20 GB
• Video display: 1024x768 resolution, 65536 colors, or better
• An available USB 2.0 port (high speed, 480 Mbps)

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