

DESKO PENTA Scanner® for Self-Service Multifunctional Scanner for Numerous Applications



The PENTA Scanner® combines all well-known PENTA technology features with extended on-board capability. A powerful built-in processor and various interface options allow for a most customer adapted integration. The large full-graphic display on top of the device gives a clear feedback to the user, strengthened by its highly visible multicolor LEDs which are designed to support a supervised

or self-service installation. The available embedded PC with a WLAN interface or the battery powered function, gives you the opportunity to operate the PENTA Scanner® completely independent from any fixed installations or wired counters.



Your Advantages

- Automatic MRZ recognition of passports and ID cards according to ICAO 9303
- Countless feature extensions such as: barcode, mag stripe, RFID & NFC reading
- Large, multicolor display for improved passenger feedback
- Standalone technology for enhanced self-service (embedded PC or battery powered)
- Security glass on scan area

Now available
for
LINUX



“EASY AND USER-FRIENDLY HANDLING”

TECHNICAL DATA

Vcc: 5V DC +/- 5%
Icc: max. 2.5 A

Footprint:

L 219,9 mm (8.66 inches) ×
W 150 mm (5.91 inches) ×
H 191,2 mm (7.53 inches)

Scan Window:

L 94 mm (3.70 inches) ×
W 131 mm (5.16 inches)

Light sources:

IR, visible light and UV-A
(optional)

Image formats:

JPG, BMP, PNG

Resolution:

150 up to 500 dpi

Host interface:

USB

Status Indicator:

Audible and visible status
indicator

Display:

4,3" multicolor screen
resolution: 480 × 272 pixels

Features

- ID and Passport Image Scan: scans documents with three different light sources (IR, visible and UV-A)
- Automatic high reliable OCR/MRZ recognition (ICAO 9303)
- Rugged Design: solid box, security glass on scan area

Optional Features

- RFID & NFC Reading Module: integrated RFID module is a dual antenna design that is especially designed for ePassport and NFC reading
- China ID Reading Module: integrated RFID module specifically designed for reading China National ID Card
- Barcode Recognition Module: embedded barcode engine with 1D/2D barcode reader
- MSR Reading Module: integrated bidirectional magnetic stripe swipe reader (3-tracks)
- Chip Card Module: integrated chip card reader
- SAM Module: integrated secure access module
- Light Source: UV-A
- Standalone Device: battery pack (10 hours), or embedded PC incl. (W)LAN connection

User Feedback

- Display: full-graphic multicolor display for individual graphics
- Light: highly visible multicolor LEDs for clear GO/NO-GO feedback next to display
- Sound: volume control buzzer

Standalone

- 10 hour battery pack (optional)
- Embedded PC (optional) with (W)LAN

On Board Capability

- Document verification: the PENTA Scanner can process various basic ID document checks on the device itself (e.g. UV dullness check, B900 ink check)

Mounting Options

- Pole Mount: for mounting the PENTA Scanner® onto a stanchion or pole
- Wall Mount: for mounting the PENTA Scanner onto a wall or flat surface (counter side)

Certifications

- CE, FCC, WEEE, RoHS

Interfaces

- Host Interface: USB

Documents

- Machine-readable zone of OCR documents according to ISO/IEC 7501-1 and ICAO 9303 (e.g. ID cards, passports, visas)
- RFID documents according to ISO 14443 (A/B), ISO 7816 (incl. US passport), ICAO 9303 (BAC, EAC, EAC2.0, PACE, AA, PA, TA, CA), ISO 18013 (BAP, EAP), PKI (BSI TR-03129)
- 1D/2D barcode documents printed on paper or presented on displays e.g. mobile phone
- Magnetic stripe documents according to ISO 7811/2-5
- Chip cards according to standard ISO 7816
- SAM cards according to standard ISO/IEC 7810:2003

