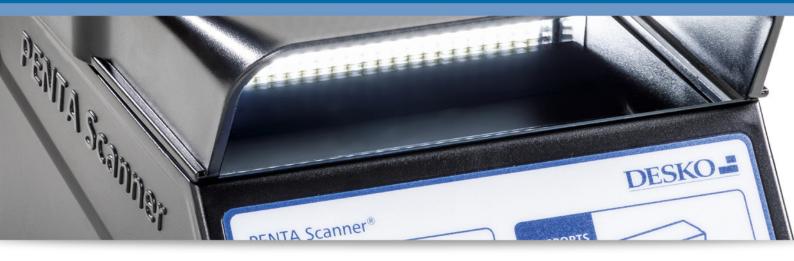


PENTA Scanner®



DESKO PENTA Scanner®

Full-Image Passport & ID Scanner Solution – Reliable, Efficient, Secure

Accuracy and efficiency in document scanning application like border control and passenger service; with the DESKO PENTA document scanner there are no compromises. Passports, visas and any form of national ID cards – the PENTA Scanner® is the smallest and most efficient full-page document reader.

Fast and easy to use, the PENTA Scanner® is the solid entry device for the unique technology portfolio of passport scanners from DESKO.

Reliable, easy to use and extendable with a variety of modules, the PENTA platform is the perfect choice for your application.

Your Advantages

- Full-page, passport and ID document reader with multiple light sources
- Automatic recognition of passports and ID cards according to ICAO 9303
- Upgradable with 4,3" multicolor touch display
- Unparalleled connectivity with LAN or WLAN module (optional)
- Intelligent device, PC integration possible for standalone solutions
- NEW security glass PERLUCOR® ceramic coated glass (standard)















PENTA Scanner®

System Approach

Every industry – from border control & immigration environments, security & commercial service industry to passenger service and contract management – has its specific objectives and requirements. Very often a basic solution must be individualized by additional components or features. To fulfill these customized concepts, DESKO developed a modular system of DESKO PENTA full-page scanners for ID data entry and verification. Module by module the PENTA Scanner® evolves into a purpose optimized solution. The large scanning area supports ICAO and non-ICAO format documents, while the optionally

available 4,3" multicolor and touch display turn the PENTA Scanner® in a full functioning self-service terminal. On board WLAN connectivity and battery power enable this leading technology for standalone operation. The single-step reading process: optical and RFID data reading without moving the document ensures user comfort. Moreover, the PENTA Scanner® is available with different mounting options. Space-saving wall mount, theft protected base mount and even a pole mount for a flexible on-site field installation can be combined with the device.

Features

- High-Precision Optical Scan Engine: DESKO development for high speed imaging and barcode
- ID and Passport Image Scanning Module: scans documents with three different light sources (VIS, IR, UV-A optional)
- Rugged Design: solid box, PERLUCOR® security glass (standard)
- OEM Solutions available: perfect for integration into gates or kiosks

Optional Features

- RFID & NFC Reading Module: integrated RFID module is a dual antenna design that is especially designed for ePassport and NFC reading
- 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
- Standalone Device: battery pack (10 hours), WLAN/LAN connection and built-in PC

User Feedback

- Light: integrated multicolor LED on the front. Two additional multicolor LEDs next to display (optional)
- Sound: high and low volume control buzzer
- **Display:** full-graphic multicolor display (optional) for individual graphics, display unit with touch technology

Certifications

CE, FCC, WEEE, RoHS, BSI



Interfaces

- Host Interface: USB
- LAN/WLAN/3G interface (optional)

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

Technical Data

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

Footprint: L 219,9 mm (8.7 inches) ×

W 150,1 mm (5.9 inches) × H 144,7 mm (5.7 inches)

Scan Window: L 94 mm (3.7 inches) ×

W 131 mm (5.2 inches)

Image formats: JPG, BMP, PNG Resolution: 150 up to 500 dpi

Light Sources: IR, visible light and UV-A (optional) Status Indicator: audible and visible status indicator

Securing: kensington lock

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