

PENTA Scanner® | CKI



DESKO PENTA Scanner® CKI The Ultimate Check-In Device

The airline/airport world is a fast evolving and constantly changing environment. Modern technologies, process optimizations or new requirements, every airline is facing a variety of daily challenges. With the PENTA Scanner® CKI you are prepared for whatever surprise is coming next. Based on the well-known PENTA platform, the CKI can read ID cards, passports,

barcodes, magnetic stripe cards, chip cards and even NFC tags or biometric ePassports. Due to its default check-in interface, the integrated barcode scan engine, magnetic stripe reader and the short cover for a convenient usability, the PENTA Scanner® CKI is the perfect support for your day-to-day work routine.

Your Advantages

- Extra large scan window
- Volume adjustable buzzer and multicolor LEDs for clear GO/NO-GO feedback
- Certified with all main Common Use providers
- Rugged design – solid box, PERLUCOR® security glass (standard)
- PENTA technology – OCR/MRZ, BCR, MSR, RFID and NFC in one device
- Standalone option – battery pack, WLAN module
- Various fields of application: check-in, security, boarding and self-service



Barcode



Passport



ID Card



RFID/NFC



MSR

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System Approach

With the PENTA Scanner® CKI you have multiple devices in just one housing. It is by default equipped with the latest imaging technology for OCR reading, a built-in barcode scan engine, a magnetic stripe card reader and optional RFID and NFC feature, replacing commonly installed devices at the check-in such as swipe readers, keyboards or barcode guns all together.

The PENTA Scanner® CKI delivers a full-page color image as well as a decoded MRZ of the document. Additionally the device is capable of decoding 1D and 2D barcodes of documents printed on paper or displayed such as on a smartphone, smartwatch or tablet.

Features

- **ID and Passport Image Scan:** high speed automatic image scan
- **High-Performance Barcode Scan Engine:** high speed barcode scan of paper boarding passes and mobile boarding passes (from smartwatches, smartphones or even large tablets)
- **MSR Reading Module:** integrated bidirectional magnetic stripe reader
- **Rugged Design:** solid box, PERLUCOR® security glass (standard)

Optional Features

- **RFID & NFC Reading Module:** integrated RFID module with a dual antenna design that is especially designed for ePassport and NFC reading

Standalone

- **10 hour battery pack** (optional)
- **LAN/WLAN/3G interface** (optional)

User Feedback

- **Light:** highly visible multicolor LEDs for clear GO/NO-GO feedback
- **Sound:** volume control buzzer

Interfaces

- **Host Interface:** USB
- **True Serial Host Interface:** 2 × RS232 by DE-9/SUBD9 socket
- **AUX Port:** 2 × RS232 by DE-9/SUBD9 plug for i.e. POS printer
- **LAN/WLAN/3G interface**

Documents

- Machine-readable zone of OCR documents according to **ISO/IEC 7501-1** and **ICAO 9303** (e.g. ID cards, passports, visas)
- 1D/2D barcode documents printed on paper or presented on displays e.g. smartphone
- RFID documents according to **ISO 14443 (A/B)**, **ISO 7816** (incl. US passport), **ICAO 9303** as well as full NFC support
- 3-track magnetic stripe documents according to **ISO 7811/2-5**

Certifications

CE, FCC, WEEE, RoHS

Technical Data

Vcc:	5 V +/- 5 %
Icc:	max. 2.5 A
Footprint:	L 219,9 mm (8.7 inches) × W 143,1 mm (5.6 inches) × H 127,9 mm (5 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
Weight:	approx. 1250g (2.8 lb)
Light Sources:	IR, visible light and UV-A (optional)
Status Indicator:	Audible and visible status indicator
Securing:	kensington lock



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