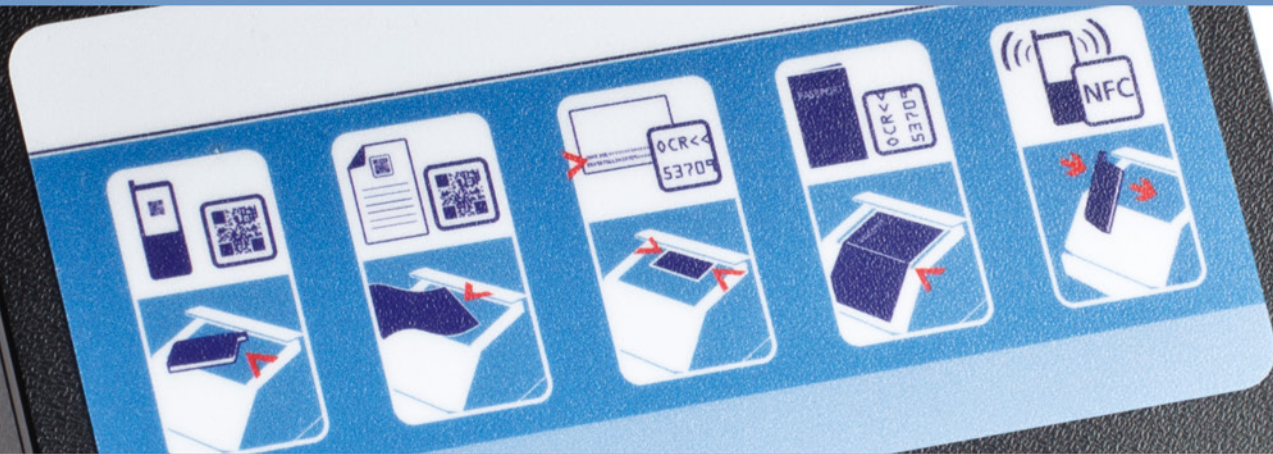


PENTA Scanner® | Cube & Cube²



DESKO PENTA Scanner® Cube & Cube² Passport & ID Document Scanner for Self-Service Technology

Accuracy and efficiency – ID and passport scanning in self-service devices; with the PENTA Cube & Cube² scanners there are no compromises. Full details from passports, visas and any form of national ID card can be captured by the PENTA Scanner® Cube & Cube². The

smallest and fastest OEM full-page document scanner with latest technology. The integration in kiosks and self-boarding gates is optimized by a compact design and modified functionality.

Your Advantages

- Designed for OEM integration & optimized for self-service solutions
- Larger scanning window improves the images for kiosks and self-boarding gates
- Smallest full-page scanner with integrated processor
- Fast, reliable (no moving components) & easy-to-use
- ICAO 9303 OCR reader
- High-resolution images scalable up to 500 DPI
- NFC/RFID technology
- Rugged design – solid box, extra toughened glass (standard)



Passport



ID Card



Barcode



RFID/NFC

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System Approach

The PENTA Scanner® Cube & Cube² technology is a platform dedicated to OEM integration. It offers all the well-known PENTA features in a most ergonomic set up which meet the needs of gate and kiosk manufacturers, hence making the PENTA technology advantages fully available for self-service environments. Two different housing set ups allow

efficient integration in almost any self-service device such as kiosk systems or automated gates. With its optional features like barcode reading, RFID/NFC or UV illumination the PENTA Scanner® Cube & Cube² is ready for future requirements, thus protecting your investment.

Recognition

- High-speed automatic image scan of all ID and passport documents
- Visible and infrared illumination scalable up to 500 dpi
- Auto-detection of ICAO documents
- Automatic high reliable OCR MRZ recognition (ICAO 9303)

Optional Features

- LED powered UV illumination (365 nm)
- Integrated 2D barcode reader engine
- RFID/NFC ePassport reading (ISO 14443 and Typ A & B including anti-collision, autodetection) (optional)
- Future-proof with full NFC support (optional)

Interface

- **USB:** the PENTA Scanner® Cube & Cube² full-page passport scanner requires an USB interface to ensure a high-speed data transfer.
- **RS232:** alternatively, OCR and barcode data can be transferred directly via RS232 interface.
- **LAN/WLAN:** in addition the PENTA Scanner® Cube & Cube² can be connected via a TCP/IP interface (LAN, WLAN).

Technical Data

Vcc:	5V +/- 5%
Icc:	max. 2.5 A
Dimensions Cube:	L 218 mm (8.6 inches) × W 143 mm (5.6 inches) × H 118 mm (4.7 inches)
Dimensions Cube ² :	L 227 mm (8.9 inches) × W 143 mm (5.6 inches) × H 118 mm (4.7 inches)
Scan Window:	L 94 mm (3.7 inches) × W 131 mm (5.2 inches)



Resolution:	150 up to 500 dpi
Image formats:	JPG, BMP, PNG
Light Sources:	IR, visible light and UV-A (optional)
Status Indicators:	Audible and visible status indicator

Outstanding performance delivered by built-in processor, all data recognition (OCR, Barcode, RFID) performed internally make the PENTA Scanner® Cube & Cube² the ideal solution for manual and self-service passport reading.

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