

■ 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 DESKO 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 DESKO PENTA Scanner® Cube / Cube².

The smallest and fastest OEM full page document scanner with latest technology.

The integration in kiosks and SBG 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 SBG
- ICAO 9303 OCR reader
- High resolution images scalable up to 600 DPI
- Smallest full page scanner with integrated processor
- Fast, reliable (no moving components), easy-to-use
- NFC / RFID technology
- Optional: 1D/2D bar code reading of paper documents or cell phones

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System Features

The DESKO 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 bar code 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 600 dpi
- Auto-detection of ICAO documents
- Automatic high reliable OCR MRZ recognition (ICAO 9303)

Optional Features

- RFID/NFC e-passport reading (ISO 14443, ISO 15693 - Mifare Typ A&B including anticollision, auto-detection)
- Future proof with full NFC support
- LED powered UV illumination (365mm)
- Integrated 2D bar code reader engine

Interface

The PENTA Scanner® Cube / Cube² full page passport scanner requires an USB interface to ensure a high speed data transfer.

Alternatively, OCR and bar code data can be transferred directly via RS232 interface. In addition the PENTA Scanner® Cube / Cube² can be connected via a TCP / IP interface (LAN, WLAN).

Technical Data

V _{cc} :	5V +/-5%
I _{cc} :	2.5 A max.
Dimensions Cube:	218,3mm (8.6inch) x 143mm (5.6inch) x 118mm (4.7inch)
Scan Window Cube:	131mm (5.2inch) x 94mm (3.7inch)
Dimensions Cube ² :	226,7mm (8.9inch) x 143mm (5.6inch) x 98mm (3.9inch)
Scan Window Cube ² :	131mm (5.2inch) x 94mm (3.7inch)
Resolution:	150 up to 600 dpi
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, Bar Code, RFID) performed internally make the DESKO PENTA Scanner® Cube / Cube² the ideal solution for manual and self-service passport reading.

We would be pleased to discuss your specific requirements and objectives in a direct conversation. Feel free to contact us at your convenience.



DESKO

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