KioskScan

Multi-Use Passport Scanner for Hospitality Environments

KioskScan is a multi-functional and multi-document passport scanner based on PalVision's machine learning-powered ScanID technology. It is able to extract data from all Biometric ePassports using contactless IC reading technology and non-Biometric Passports via OCR capture of the Machine Readable Zone (MRZ).

KioskScan can be deployed alongside our Mobile ScanID SDK that can operate on any tablet brand & operating system to support environments with both fixed Reception desks and mobile / portable check-in tablet systems.

Moreover, ScanID SDK incorporated in both KioskScan and Mobile ScanID can be used to auto-populate OCR-captured information directly into ANY field entry program such as PMS, visitor management systems, time-attendance systems, text-entry programs (MS Excel, Google Docs) or web-based applications via either integration or otherwise via built-in auto-form filler application!

KIOSKSCAN

ICAO COMPLIANCE
Read all MRZ-based passports

HIGH QUALITY IMAGES
Captures images in Visible, IR & UV light using 24-bit color and true-color image matching technology

HIGH ACCURACY
High quality images coupled with ScanID & anti-glare technology for highly accurate scan results

HOSPITALITY-SPECIFIC
Suitable for Reception Desks & Self-Service Kiosk integrations

ePASSPORT READING
Obtain digital data from Biometric Passports contactless NFC (RFID) chips

READ DIGITAL DATA
Obtain digital data from integrated ISO/IEC 7816 circuit cards (optional)

SCANID

AI-POWERED
Machine Learning-based ScanID technology capable of operating on the widest range of OS & Plaforms in the market (Android, Windows, iOS, Web)

AUTO-FILL DATA
Auto-populate OCR-captured data into ANY form (ERP, PMS, Excel, Google Docs or any web form) via complimentary integration or built-in auto form-filler

AUTO FACE CROP
Automatically extracts ID photos from documents via ML-based Face Detection & Auto-crop technology

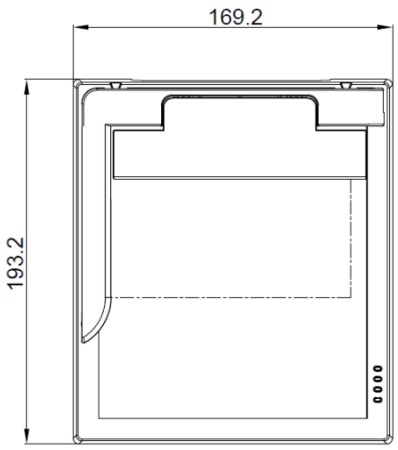
COST REDUCTION
The most cost-effective Scanning & OCR technology in the market

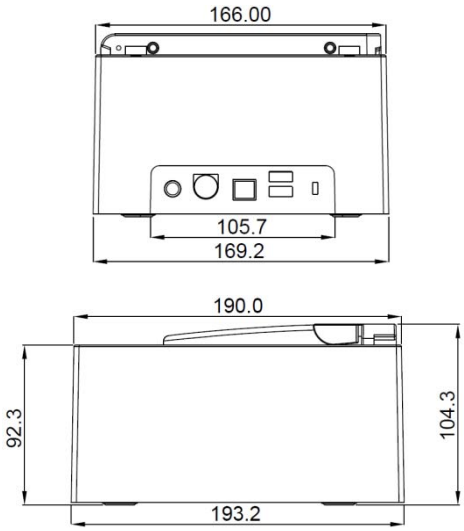
OTA UPGRADES
Easily update ScanID & KioskScan with over-the-air updates

BORDER CONTROL INTEGRATION
Complimentary integration with police, border control, immigration agencies

SYSTEM

Machine Readable Zone	ICAO 9303 standard compliant documents: ID-1 (Identity Card), ID-2 (Visa ID-3 (Passport)
Barcode	1D Barcode (Code 128, Code 39, Interleaved 2 of 5) 2D Barcode (PDF 417, QR Code, DataMatrix & Aztec formats)
ePassport (RFID)	Read contactless ICs according to ISO/IEC 14443-S (13.56MHz (Type A & Type B) ePassport support for ICAO 9303 LDS 1.7 & 1.8 and PKI using included SDK Support e-passport Basic Access Control (BAC) & Extended Access Control (EAC) Support active/passive authentication (PA/AA)
ISO/IEC 7816 (Optional)	Read Integrated circuit cards according to ISO/IEC 7816
KioskScan Supported OS	Windows ® 7, 8.1, 10, Vista, XP Operating Systems (32 or 64 bit), Linux (Ubuntu, Linux (Ubuntu, CentOS, RedHat), 32 & 64 bit, Android® 5+
ScanID OCR Supported Platform	Windows®, Linux (Ubuntu, CentOS, RedHat®), Android ® 5+, iOS® 8+, Cordova®, Xamarin®, HTML5
Others	Anti-glare technology eliminates image artifacts due to laminate or OVDs Hooded or Hoodless operation with hold down clip (kiosk mode) Integrated USB 2.0 Hub – 2 ports for external peripherals Internally sealed optical chamber minimise dust ingress Low scratch, low-iron glass with oleophobic coating for easy cleaning
Firmware Upgrade	Upgradeable firmware via USB 2.0 interface
Maintenance	One-year warranty. Extended Warranty available





HARDWARE

Dimensions	169*193*143.80mm (with Cover)
Weight	1.30kg (Net)
Interface	USB 2.0
Status LEDs	Power, Ready, Error and Warning
Buzzer	Built-in buzzer
Power	Input: AC 100~240V, 50-60Hz, 0.8A Output: DC 12V, 2A
Humidity	20% - 95% (non-condensing)
Temperature	-10°C to 50°C operating; -20°C to 50°C storage

IMAGE

Resolution	500DPI
Illumination	Near IR B900 (880nm, +/-5%) White visible (430-700nm) Ultraviolet UVA (365nm) optional
Colour Depth	RGB 24 bits/pixels colour system
Sensor	CMOS, 5 Megapixels (2592*1944)
Image Format	JPG, BMP PNG
Field of View	127mm*88mm