

# RealPass-N

Compact, Multi-functional, Full-page Document Reader



RealPass-N is a compact, full-page and multi-functional document reader for one-step reading of multiple document types including ICAO standard documents such as e-Passport, e-Visa, ID cards and 1D & 2D barcodes. It is designed to capture or extract data from visual data page and RFID chip of electronic documents quickly and reliably in a variety of public and commercial sectors. By design and performance innovation, it provides 500DPI(Scalable) high resolution, USB3.0 interface, tempered glass with IP54 surface and Anti-glare technology to capture image and data in multiple illuminations(White, IR, UV). RealPass-N is an ideal and ergonomic form factor with low profile and simple shape for space-saving and easy integration in self-service kiosks, e-gates and counters.



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Compact, Multi-functional, Full-page Document Reader

## FEATURES

- Compact, multi-functional full-page document reader
- One-step reading of visual data page and RFID chip of e-documents
- ICAO Doc 9303 Standard Compliance
- 500DPI(Scalable) high resolution(Configurable), 24bit true color image · OCR data capture of the Machine Readable Zone(MRZ)
- Reads ISO14443 Type A/B contactless chip, 1D/2D Barcodes
- Fast ICAO standard document identification and reading time within Max. 05 seconds
- Fast Identification and reading time of an ICAO standard document with an RFID chip (BAC/PACE) within Max. 10 seconds
- Anti-glare technology for highest quality image acquisition
- Integrated dual RF antenna for fast e-document data extraction
- Automatic detection of document placement
- Ability to use the various modes of access control (BAC, PACE, EAC) and authentication (passive, active, chip and terminal)
- Multi-color LED and Audio user prompts for intuitive user interface
- Integrated USB 3.0 Hub – 2 ports for external peripheral device
- No moving parts, robust, minimal maintenance cost
- Kensington® Security Lock, SAM Slot
- Provides SDK for easy integration into any systems
- MTBF: 680,000 hours
- Licensing: Perpetual / Update Via USB interface from download available on the manufacturer's

## SPECIFICATIONS

Characteristics	Contactless RFID Reading	ISO14443 A/B Type(up to 848Kbps) including BAC, PA, AA, EAC, PACE and SAC, PC/SC
	Dimension(WxLxH, mm)	Support 155mm x 190mm x 99.8mm(103.8 w Guide)
	Active Window Size(HxV, mm)	130mm x 90mm
	Product Color	Black
	Weight(kg)	1.0kg
Images	Image Resolution(DPI)	500 DPI (Scalable), 5M Pixel Sensor
	Illuminations	White/Visible, IR, UV(UVA)
	Image Formats	BMP, PNG, JPEG
	Colors	16.2 million(RGB 24bit)
Certifications	ICAO	ICAO Doc 9303 Standard Compliance
	Certificates	CE, FCC, KC, WEEE, RoHS, REACH
Robustness	Operating Humidity	0 to 95% no condensing
	Protection	IP54(Surface), Tempered Glass (Scratch Free, Optional)
	Operating Temperature	0°C to 50°C
Communication	Interface	USB 2.0 High Speed, Integrated USB 3.0 Hub
	USB Cable Size	1,8 meters
	Power Supply	USB only or External Power Supply(DC12V, 100-240V 50/60Hz)
SDK	Operating Systems	Windows 10, 8, 7(32/64bit) Pro/Enterprise and newest versions, Linux Ubuntu and CentOS LTS (32/64bit)
Others	Software	SDK Including DLLs with Demo Programs in Multiple Programming Languages, F/W Upgrade via USB Interface Cover, first and second covers, data page, pages 01 and 03, and middle pages
	Layout of Pages and Templates	(middlespread), in the case of passports and obverse and reverse in the case of identity cards, as well as automatic checking of security features present in these documents.

Above specs are subject to change without prior notice.