

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 ID & 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 500 PPI high resolution, USB 2.0 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, full-page and multi-functional document reader
- One-step reading of visual data page and RFID chip of e-documents
- ICAO Doc 9303 Standard Compliance
- 500DPI 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
- Multiple illumination(White, IR and UV)
- Hoodless Operation in various environments
- Anti-Glare Technology to capture high quality images
- Reflection Removal (RR)
- Adaptive light control
- Barcode Reading Speed (Mobile barcode) : < 1 000 ms
- ADD (automatic document recognition)
- Smart power consumption is automatically activated once PC turned off
- Multi-color LED and beep sound for intuitive user interface
- USB 2.0 high speed interface
 - Integrated USB 3.0 Hub – 2 ports for external peripheral device
- No moving parts, robust, minimal maintenance cost
- Rugged form factor with tempered glass and IP54 surface
- Low profile, simple shape for space-saving and easy integration
- Kensington® Security Lock, SAM Slot
- Provides SDK for easy integration into any systems
- Lighting: near infra B900: 880nm +/-5%, visible white: 430-700 nm, UVA: 365 nm, IR: 365-369 nm
- The operation mode avoids leaving the documents (ID card) in the document reader by chance

SPECIFICATIONS

Dimension (WxLxH)	155 mm X 190 mm X 99.8 mm (103.8 mm with Guide)
Active Window Size (HxV)	130 mm X 90 mm
Weight	1.0kg
Image Resolution	500 ppi
Illuminations	White, IR (880 nm), UV (365 nm)
Contactless RFID Reading	ISO14443 A/B Type (up to 848Kbps) including BAC, PA, AA, EAC, PACE and SAC, PC/SC support
Barcode Reading	1D: Code 311, 39, 39 Extended, 93, 128 / UCC 128 / 2 of 5 interleaved / EAN 8, 13 / UPC A, E / Add 2, 5 2D: PDF417, Data Matrix, QR Code, Micro QR Code, Aztec
Image Formats	BMP, JPG, PNG, Jpeg2000, TIFF
Indicators	Multi-color LED, Navigation LED, Beep (Programmable)
Operating Temperature	From -10°C to 55°C
Operating Humidity	10% – 90%, non-condensing
IP rate	IP54 (Sealed between bezel and capture surface), Tempered glass (Scratch free)
Power Supply	USB only or External power Supply (DC12V, 100-240V 50/60Hz)
Interface	USB 2.0 High speed
Operating Systems	Windows 10 or higher 32/64bit, Linux Ubuntu, Debian, Fedora, OpenSUSE, CentOS 32/64bit
Software	SDK including DLLs with demo programs in multiple programming languages, F/W Upgrade via USB interface
Certificates	CB, CE, FCC, KC, RoHS, IEC 62471, WEEE, REACH, WHQL

Above specs are subject to change without prior notice.

APPLICATIONS

- Border Control & Immigration Service
- Airport/Port Security Service
- Law Enforcement
- Bank & Insurance & Mobile Operators
- Hotels/Car Rental/Casinos/Duty-Free shop
- Travel Agencies/Airline Check-in
- Document & Visa Issuance
- Self-Service Kiosks & e-Gates



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