



# RT930-OCR

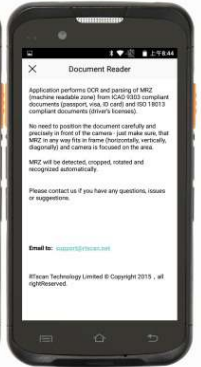
## Android Mobile ID Document Scanner

For Passport, ID cards, Driver's license

The RT930-OCR is a handheld mobile passport/ id scanner, with powerful OCR engine, the RT930-OCR can read OCR-B MRZ (machine readable zone) data, the ICAO 9303 compliant ID documents such as ID card, passport, visa, driver's license. The MRZ usually includes information like nationality, name, birthday, document expiry date, ID numbers, with the RT930-OCR, we can get these personal data quickly and accurately so as to highly speed up the personal data collection. And finally, the scanned data can be store "locally" in the scanner, or can be transfer to remote service computer via 3G /4G or Wi-Fi, Bluetooth communication.

Traditionally, for ID / passport data scanning which used for access control or personal data collection application, people use a desktop computer + a desktop passport / id scanner, the solution not only expensive , take much space, but also can not be used for mobile access control applications. Now with this RT930-OCR, it's a handheld terminal, its cost is very much less than the computer + desktop scanner solution, and especially for application such as Mobile customers registration; Parking access & ticketing; Building & corporate access; Mobile identity verification by police forces; Queue-busting and roaming passenger processing at airports, with this mobile solution, we can save time, we can make the ID data collection / registration more efficiently, and this even greatly improve customers satisfaction.

RT930-OCR is a large screen and IP65 rugged android mobile computer and rugged mobile passport / ID scanner terminal. With RT930-OCR android 5.1 O.S, Motorola barcode scanner (optional), high sensitive touch screen, the versatile functions of WIFI, 4G/ 3G, GPS, Camera, etc. It is an ideal assistant for you!



### Read capabilities

- Standard OCR fonts: OCR-B
- Machine readable passports (MRP) : 2 lines of 44 characters
- Machine readable visas (MRV): 2 lines 44 characters, 2 lines 36 characters
- Travel documents: 2 lines of 36 characters, 3 lines of 30 characters

### Application

- Mobile access control
- Mobile customers registration
- Parking access & ticketing
- Building & corporate access
- Mobile identity verification by police forces
- Queue-busting and roaming passenger processing at airports

### Features

- OCR-B MRZ (Machine readable zone) reading
- 1D bar code scanner (optional)
- 2D scanner (readable PDF417 code in ID / Passport)-(optional)
- 8MP rear camera and 2MP front camera;
- RFID/NFC, GPS
- 5" HD (720 x 1280) large screen, industrial grade sensitivity
- IP65 rating industrial level
- 3.8V, 4000 mAh battery; POGO PIN design for quick and non-intrusive charging which can prolong the device life span and durability





## RT930-OCR Specification

|                             |                          |  |
|-----------------------------|--------------------------|--|
| OCR                         | Content                  | MRZ (machine readable zone)  |
|                             | Standard                 | ICAO 9303 compliant documents (passport, visa, ID card) and ISO 18013 compliant documents (driver's licenses).   |
|                             | Speed                    | Less than 1 second   |
| Physical Characteristics    | Dimensions               | 152mm x 78 mm x 15 mm  |
|                             | Weight                   | 245g (include battery)   |
|                             | Buttons                  | Side SCAN button * 2, user-defined function button, the volume switch button , ON/ OFF button  |
| Performance Characteristics | O.S.                     | Android 5.1 supports multi-language, such as English, Spanish, Japanese, Korean...   |
|                             | CPU                      | Quad-Core 1.2GHz   |
|                             | Display                  | 5.0 inch TFT-LCD HD (720 x 1280) color screen  |
|                             | Panel                    | Ultra sensitive capacitive touch screen, can work with gloves and wet fingers  |
|                             | RAM                      | 1GB  |
|                             | ROM                      | 8GB  |
| Barcode Scanner (Optional)  | 1D Laser (Optional)      | Code 39; Codabar; Code 128; Discrete 2 of 5; IATA 2 of 5; Interleaved 2 of 5; Code 93; UPC A; UPC E0; EAN 8; EAN 13; MSI; EAN 128; UPC E1; Trioptic Code 39; Bookland EAN; Coupon Code; RSS-Limited; RSS-14; RSS-Expanded  |
|                             | 2D CMOS (Optional)       | 1D Symbologies: UPC/EAN, Bookland EAN, UCC Coupon Code, ESSN EAN, CODE 39, CODE 128, GS1-128, ISBT 128, Trioptic Code 39, CODABAR, MSI, Interleaved 2/5, Discrete 2/5, Chinese2/5 , Korean3/5, Matrix 2/5, CODE 32, CODE 93, CODE 11, Inverse 1D, GS1 DataBar, Composite Codes2D Symbologies: PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, MaxiCode, QR Code, Aztec, Aztec Inverse<br>Postal Codes: U.S. Postnet, U.S. Planet, U.K. Postal, Japan Postal, Australian Postal, Netherlands KIX Code, USPS 4CB/One Code/Intelligent Mail, UPU FICS Postal |
| Radio Communication         | Wi-Fi                    | 802.11 b/g/n wireless communication  |
|                             | Bluetooth                | Bluetooth 4.0  |
|                             | 4G                       | TDD-LTE (B38、B39、B40、B41)<br>FDD-LTE (B1、B3)   |
|                             | 3G- WCDMA                | UMTS/HSDPA/HSPA/HSPA+ (850,900,2100 MHz)<br>CDMA EV-DO Rev.A (800MHz)  |
|                             | 2G                       | GSM/EDGE/GPRS (850,900,1800MHz)  |
| Others                      | Sensor                   | Supports distance sensor, light sensor and acceleration sensor   |
|                             | NFC                      | Supports NFC   |
|                             | Camera                   | 8.0MP rear camera with LED flash and automatic focus; 2.0MP front camera   |
|                             | RFID                     | Compatible with13.56Mhz, ISO14443A/B and ISO15693  |
|                             | GPS                      | GPS,Supports A-GPS,GNSS  |
| Power                       | Main Battery             | Rechargeable 3.8V, 4000 mAh lithium polymer battery pack (Typical Operation time ≥8 hours )  |
|                             | RTC Battery              | Real time clock battery  |
| User Environment            | Operating Temperature    | 0°C to +50°C   |
|                             | Storage Temperature      | -20°C to +60°C   |
|                             | Humidity                 | 5%–95% (non condensing)  |
|                             | Sealing                  | IP65, Drop durability 1.5m   |
| Peripherals and Accessories | Expansion                | Micro SD/TF x 1(maximum of 32 GB), SIM x 1, SAM x 1  |
|                             | Interfaces               | Micro USB , POGO PIN , 3.5mm Audio Jack  |
|                             | Charging Dock (Optional) | single slot dock: supports to charge one unit of RT930 and one spare battery simultaneously  |