

PASSPORT READER








The **Olicom Passport Reader** is a compact, fast and **multi-functional document reader** developed based on multi-spectral image authentication, electronic chip digital identification, and biometric anti-counterfeiting technology.

The device has **built-in high-definition camera, E-passport/ID card radio frequency antenna** and **multi-spectral optical components**, which realizes the information comparison between the **multi-spectral image** and the **anti-counterfeiting feature library** of the document, and also **collects the digital data** in chips **and compares with the certificate image**.

The product can be widely used in customs, airports, railway stations, hotels, banks, telecommunications, government, tourism and other industries.



MAIN CHARACTERISTICS

-  RECOGNITION RATE > 99.9%, READING SPEED: 2 SECONDS
-  CONFORM TO ICAO INTERNATIONAL STANDARD
-  CAPTURE IMAGES IN WHITE, IR & UV ILLUMINATIONS
-  OBTAIN DIGITAL DATA FROM E-PASSPORT/CONTACTLESS CARD CHIPS
-  FACE RECOGNITION AND VERIFICATION

TECHNICAL SPECIFICATIONS

IDENTITY DOCUMENTS RECOGNITION

Domestic documents ID card, permanent residence permit for foreigners, residence permit for Hong Kong and Macao residents, residence permit for Taiwan residents, passport, Mainland travel permit for Hong Kong and Macao residents, Mainland travel permit for Taiwan residents, Hong Kong and Macao passes, etc...

International documents Support passport and visa which conforms to standard ICAO9303.

Barcode 1D: Code 128, Code 39, Interleaved 2 of 5
2D: PDF 417, QR Code, Data Matrix, Aztec Code

E-PASSPORT/CONTACTLESS CARD READING

Contactless card Conform to ISO 14443 Type A/B standard, reading speed less than 1.5 sec.

E-passport Support ICAO9303 standard E-passport reading with the speed of 2 secs.
Support E-passport Basic Access Control (BAC)
Support E-passport Active/Passive authentication

IMAGE ACQUISITION

Illumination Visible light, IR (850nm), UV (365nm)

Resolution 500DPI

Sensor CMOS, 5 MEGA (2592 x 1944)

Color depth 24bit

Image format JPEG, BMP, PNG...

Acquisition area 130mm x 90mm

Image quality Anti-glare, the least color distortion

SOFTWARE

OS Windows® 2000-SP4, Windows®XP, Windows® Vista, Windows® 7, Windows® 8, Windows® 10 and Linux®

Programming language Support C#, C/C++, Python.

Development kit SDK under Windows OS (Dll\OCX\ WebSocket) and Linux OS.

Face recognition Face image acquisition, comparison and verification

OTHERS

Dimensions 220 x 170 x 111.5 (DxWxH)

Weight 1.2 Kg.

Communication rate > 424Kpbs

Buzzer Built-in, the buzzer frequency and volume could be defined by users.

Indicator lights LEDs indicating power on, ready, error and warnings.

Power supply Power adaptor
Input: AC 100-240V 50-60Hz 0.8A
Output: DC 12V 2A

Environment Humidity: 40%-90% (no condensation)
Temperature: 5°C - 35°C (40°F - 95°F)

IP level No less than IP50



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