

BAYOMETRIC

Suprema RealScan G10

TEN-PRINT ENROLMENT SCANNER



PRODUCT DESCRIPTION

The RealScan G10 from Suprema is a 10 print enrolment scanner certified by FBI. The scanner is designed to capture single and 10 fingerprints (rolled and 4+4+2) using leading optical technology coupled with Suprema's advanced processing and image reconstruction techniques. The scanner is FBI appendix F certified and follows stringent standards in terms of image quality. It is used for civil identification, criminal identification, Visa and passport enrolment, airport and border checking and background check applications.

The RealScan G10 is different from conventional scanners that scan rolled images. It uses ARIC technology or Advanced Rolled Image Construction technology that is capable of slip detection (with SDKs) and scanning at a rate of 20 frames per second, thus minimising error and maximizing image quality. Coupled with the extra-wide platen of size 3.5 x 3.5 inches, the RealScan G10 guarantees the largest in class images with reliable and accurate matching results.

The scanner is built for withstanding even the harshest operating conditions. The reader uses IP54 rugged standards which make the device dust and waterproof. Combined with protective engineering and sealing against invasive moisture, the scanner ensures faultless operation.

APPLICATIONS

- Civil identification
- Criminal identification
- Background check
- Airport and border check
- e-Passport and Visa
- National ID cards

KEY FEATURES

- Compact and portable
- Single finger flats, rolls and four finger slaps
- IP-54 dust and waterproof
- FBI certification for civil ID and AFIS applications
- Fast and easy capture of wet and dry fingers
- Powerful internal DSP
- Intuitive user interface

TECHNICAL SPECIFICATIONS

Fingerprint Type	Single Rolls Single Flats Four Finger Slaps Two Thumbs
Frame Rate	20 frames per second
Capturing Speed	4+4+2 in 15 seconds
Resolution	500 dpi, 256 gray
Platen Size	89 x 80 mm (3.5" x 3.15") (W x L)
Sensing Area	81.28 x 76.2 mm (W x L)
Image size	Four Finger Slap: 1600 x 1500 pixels Finger Roll: 800 x 750 pixels
Image Quality Standards	FBI IAFIS Appendix F
IP Rating	IP54
Speakers	Built-in
LED indicator	Yes
Operating Temperature	0°C ~ 50°C
Operating Humidity	10 ~ 90%, non-condensing
Dimension	152 x 152 x 127 mm (5.9" x 5.9" x 5.0") (W x L x H)
Weight	1.8kgs (3.96lbs)
Certification	WHQL, CE, FCC, UL, IP54
Operating System	Windows Linux

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ABOUT BAYOMETRIC

Bayometric is a leading global provider of biometric security systems offering core fingerprint identification solutions. Our products and solutions help enterprises, government agencies, custom application developers and system integrators meet their security, identification and access management requirements.