

BioMini Slim S

Standalone Fingerprint Authentication Scanner



| BioMini Slim S | BioMini Slim S is a FBI FIPS201 and Mobile ID(FAP20) certified fingerprint scanner that provides a number of industry-leading features under its sleek design. Featuring range-leading powerful 1.0GHz CPU, BioMini Slim S provides high-speed extraction and matching of fingerprints within the scanner. BioMini Slim S also supports true plug-n-play by featuring HID(human interface device) protocol. BioMini Slim S is a versatile identification solution for both public and civil ID applications.



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FEATURES



- True plug-n-play operation
- HID (human interface device) protocol



- Standalone operation
- 1.0GHz MIPS-base Xburst Core CPU
- On-device fingerprint extraction and matching
- O/S independent fingerprint scanner



- Enhanced Security
- On-device template encryption



- Advanced Live Fingerprint Detection (LFD) technology
- Multi Dynamic Range (MDR) technology
- Operates under max 100,000 lux of direct sunlight
- Larger capture area: 0.67"x0.99" (FAP20: 0.6"x0.8")



- FBI PIV/FIPS201 and FBI Mobile ID FAP20 certificates
- NIST certified interoperable image & template format standards (ANSI-378, ISO19794-2/4)
- Image compression standard: WSQ

SPECIFICATIONS

Dimension(W x L x H / mm)	82.0 x 57.7 x 27.0 mm
CPU	MIPS-Base XBurst Core [Up to 1.0 GHz]
Memory	RAM: 32MByte LPDDR FLASH Memory: 32Mbyte NOR Flash Memory
Window Size(mm)	18x25.4
Image Size(pixel)	320x480
FBI PIV / FIPS201	Yes
Mobile ID	FAP20
LFD (Live Fingerprint Detection)	Yes
IP65	Yes
International Standard	ANSI-378, ISO19794-2, ISO19794-4, WSQ
Latent Print Rejection	Yes
Resolution(DPI)	500
Grayscale	256
Scratch Free Sensor	Yes
Interface	USB2.0 (high/full speed)
O/S	OS/Platform Independent
Operating Temp	-10~50°C
Supply Voltage	5V DC (via USB)
ESD Tolerance	15kV
Humidity	< 90% RH non-condensing
Certification	CE, FCC, WHQL, RoHS, WEEE, CB, USB-IF

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