BioMini Slim S

Standalone Fingerprint Authentication Scanner



BioMini Slim S I 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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