

# BioMini Slim S

Standalone Authentication Scanner










BioMini Slim S is a FBI PIV 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

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  - True plug-n-play operation
  - HID(human interface device) protocol
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  - Standalone operation
  - 1.0GHz MIPS-base Xburst Core CPU
  - On-device fingerprint extraction and matching
  - O/S independent fingerprint scanner
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  - Enhanced Security
  - On-device template encryption
  - On-device template extraction
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  - FBI PIV/FIPS201 and FBI Mobile ID FAP20 certificates
  - Image compression standard: WSQ
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  - Live Fingerprint Detection (LFD) Technology
  - Distinguishes fake fingerprints made from various materials including clay, rubber, silicon, glue, paper, film and more
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  - Capturing high-quality fingerprint images even when the finger is dry & wet.
  - Operates under direct sunlight up to 100,000 LUX
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  - Rugged IP65 dust and waterproof form factor

## SPECIFICATIONS

|                           |   |  |
|---------------------------|---|--|
| Sensor                    | Image Quality Standards                                 | FBI PIV/FIPS 201 and FBI Mobile ID FAP20                   |
|                           | Live Finger Detection                                   | O  |
|                           | Sensor Type   | Optical  |
|                           | Resolution  | 500 ppi  |
|                           | Gray Scale  | 256 level  |
|                           | Platen Size (W x L mm)                                  | 18.0 x 25.4  |
|                           | Sensing Area (W x H mm)                                 | 16.2 x 24.3  |
| Image Size (W x H pixels) | 320 x 480   |  |
| H/W                       | CPU & RAM   | MIPS-Base Xburst Core [Up to 1.0 Ghz], RAM : 32Mbyte LPDDR |
|                           | Interface   | USB 2.0 High Speed, HID                                    |
|                           | Operating Temperature(°C)                               | -10~50 °C  |
|                           | Operating humidity                                      | 0 ~ 90% RH   |
|                           | Ingress Protection                                      | IP65   |
|                           | Dimensions (W x L x Hmm)                                | 82 x 57.7 x 27   |
| S/W                       | Weight (g)  | 140  |
|                           | Windows   | Standalone Operation                                       |
|                           | Linux   | Standalone Operation                                       |
|                           | Android <small>Android 4.1(Jelly Bean)and Above</small> | Standalone Operation                                       |
|                           | Image Format  | RAW, BMP, WSQ, ISO 19794-4                                 |
| Certification             | Template Type   | Suprema, ISO19794-2, ANSI-378                              |
|                           | CE  | O  |
|                           | FCC   | O  |
|                           | KC  | O  |
|                           | RoHS  | O  |
|                           | UL  | O  |
|                           | UBS-IF  | X  |
|                           | CB  | O  |
|                           | IEC62471 (include CB)                                   | X  |
|                           | WEEE  | O  |
|                           | REACH   | X  |
|                           | WHQL  | X  |