CredenceOne™ Mobile Biometric Scanner

Product Description
CredenceOne™ is an elegant combination of biometrics, credentials and mobile technology, placing the power of mobile identity into the hands of agencies that need it most.
CredenceOne features a fingerprint scanner, a 5MP camera with flash and a smartcard reader with optional document machine readable zone (MRZ) that runs on the Android™ operating system.
Designed to support multiple applications simultaneously, CredenceOne empowers a diverse group of agencies to build and deploy targeted applications for their desired objectives, work-flows and environments.

FEATURES
> 4.0 Inch Diagonal Touchscreen Display
> Processor: Cortex-A9, Dual Core 1 GHz
> Cellular: UMTS/HSDPA/HSUPA at 850/900/1900/1800 MHz
> Wi-Fi: 802.11 a/b/g/n 2.4 + 5 GHz
> Bluetooth 4.0
> Capacitive Fingerprint Sensor
> Contact and Contactless Smartcard Reader (Optional)
> Document Machine Readable Zone (MRZ) Reader (Optional)
> 3,600 mAH Li-Ion battery
> Integrated Camera: Resolution 5MP, Autofocus with Flash
> High-Speed and Secure Memory: RAM 1GB DDR2, FLASH: 8GB eMMC
> SD Card slot: Yes (SD card not included)
CredenceOne™

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>508 ppi</td>
</tr>
<tr>
<td>Active Platen Area</td>
<td>0.5 x 0.7 in. (12.8 x 18 mm)</td>
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<tr>
<td>Fingerprint Sensor</td>
<td>Capacitive</td>
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<tr>
<td>Classification</td>
<td>FAP 10</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>50° to 95° F (10° to 35° C)</td>
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<tr>
<td>Humidity</td>
<td>10-90% relative humidity, non-condensing</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>14° to 140° F (-10° to 60° C)</td>
</tr>
<tr>
<td>Dimensions (Credence One)</td>
<td>8 x 2.75 x 1.08 in. (203 x 69.9 x 27 mm)</td>
</tr>
<tr>
<td>Dimensions (Credence One with MRZ)</td>
<td>8 x 2.75 x 2.1 in. (203 x 69.9 x 53.3 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>10 oz. (0.4 kg)</td>
</tr>
<tr>
<td>Battery</td>
<td>3,600 mAH Li-Ion battery</td>
</tr>
</tbody>
</table>

Standard Software

- Operating System Android OS 4.3.1
- Java SDK for biometric functionality
- Biometric Algorithm: agnostic platform for onboard quality, template creating and matching

Document Machine Readable Zone (Optional)

- Type: Optical-Swipe
- Standard OCR fonts: OCR-B & E13B
- Machine readable passports (MRP): 2 line 44, 3 line 36, 3 line 30 characters

Contact and Contactless Smartcard Reader (Optional)

- Read/write mode supporting ISO/IEC 14443A/B, MIFARE, JIS X 6319-4 [FeliCal], ISO/IEC 15693
- Passive initiator mode according to ISO/IEC 18092
- Contact Interface:
  - Friction type acceptor: average insert/remove cycles: 100,000
  - Cards support: ISO 7816 T=0, T=1, CAC and EMV

Certifications

- FIPS 201 PIV
- CE
- FCC
- RoHS
- REACH SVHS
- cETLus

Important Notice

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