TECHNICAL DATA SHEET

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

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

## 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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