

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 (FeliCa), 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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