

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:	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

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable as of the date of this publication, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, or conditions express or implied. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct, special or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his/her intended use, and user assumes all risk and liability whatsoever in connection therewith. Statements or recommendations not contained herein shall have no force or effect unless in an agreement signed by officers of seller and manufacturer.

 GEMALTO.COM

THALES

gemalto
a Thales company