

Smart Mobile ID Just Got Rugged

CredenceTWO-R™ is the next generation identity platform that places the power of mobile identification in the hands of users in the most demanding environments. This device features a new hardened Single Board Computer (SBC), a stronger mechanical enclosure and a resilient silicon rubber case that all work together to achieve the **MIL-STD-810G** United States Military Drop Test Standard.

An Integrated Biometrics FAP 30 FIPS-201 FBI certified 500 dpi fingerprint sensor, a 13MP camera with dual LED illumination and a combined contact/contactless smart card reader, make CredenceTWO-R a robust combination of biometrics, credential reading and mobility.



Mobile Identification Reinvented

All these features are elegantly integrated with a crisp, 5-inch, HD, sunlight readable, multi-touch display, empowering partners to deploy their applications securely on a customized Android™ 8 (Oreo) operating system.

Take Control of Your Mobile ID Deployments

Every CredenceTWO-R comes preloaded with a 1-year subscription to **CredenceCONNECT™**, providing managers and administrators with Software as a Service (SaaS) device management, over-the-air (OTA) updates, mapping, diagnostics, analytics and much more.



Integrated Biometrics Enrollment-Capable FAP/30 LES Fingerprint Sensor

- Type: light emitting sensor (LES)
- Image Capture Size: 0.8 x 1.0 inch
- DPI: min 500dpi
- Classification: FAP 30
- Sensor Certification: FBI and FIPS 201 PIV



Integrated Rear Camera

- Resolution: 13MP or 5MP
- Autofocus: Continuous focus and Touch-to-focus
- Flash: DUAL LEDs



High Performance, Enterprise-Class Core Logic Unit

Freescale, i.MX6 (1GHz), ARM Cortex-A9, DUAL core processor

- Onboard storage: 8GB eMMC
- External SD Card slot: up to 64GB SD Card (purchased separately) supported
- RAM: 2GB LPDDR3



High Definition Sunlight Readable Display

- 5-inch (diagonal) LCD screen
- Resolution: 720x1280 pixels
- Type: Capacitive multi-touch panel



Long Battery Life and Fast-Charging

- 6400 mAh field replaceable Li-ion battery
- Fast-Charging (3.1 Amps) capable



Smart Card Reader

Contactless Interface:

- Read/write mode supporting ISO/IEC 14443A/B MIFARE
- Read/write mode supporting MIFARE
- Read/write mode supporting JIS X 6319-4 (FeliCa1)
- Passive initiator mode according to ISO/IEC 18092
- Read/write mode supporting ISO/IEC 15693

Contact Interface:

- Acceptor: Friction
- Insert/remove cycles: 100,000
- Standards supported: ISO 7816 T=0, T=1



Multiple Connectivity Options

- **Wi-Fi:** 8.11a/b/g/n/ac 2.4 + 5GHz
- **Bluetooth:** 4.1 BR/EDR/LE (Compatible with Bluetooth 1.x, 2.x, 3.x & 4.0)
- **Worldwide GSM Cellular:**
 - Technology Supported: HSPA, EDGE, GSM, GPRS
 - Frequency Bands: B1, B2, B5, B6, B8, B19, 850/900/1800/1900 MHz
- Upgrade to 4G/LTE for North America (AT&T or Verizon) and EMEA regions available
- **GPS & A-GPS:** Dedicated multi-GNSS (GPS, GLONASS, Galileo, QZSS and SBAS) engine with active antenna

SOFTWARE



Comprehensive Software Ecosystem

- Custom built secure Android 8 (Oreo) OS
- Java SDK for biometric and credential (SmartCard) functionality
- Multiple Open Source samples for common use cases
- Pre-installed cloud connected fully functional apps
- Pre-Registered on CredenceCONNECT
- All software can be delivered via Over-The-Air update

IN THE BOX

Included with every device

- Silicon Rubber Shock-Resistant Case
- Lanyard
- Fast-charger with multi-national adaptors
- Micro USB cable
- 6400 mAh field replaceable Li-ion battery



Proudly made in the U.S.A

ACCESSORIES/OPTIONS

Additional Accessories/Options

- Leather case with belt clip
- Holster
- Multi-angle desktop stand/holder
- Spare replaceable batteries (6400 mAh)

Product Configuration Options

- With or without smart card reader
- WIFI only, 3G or 4G cellular modem
- 5MP or 13MP camera