

Credence-3™

PRODUCT OVERVIEW & TECHNICAL SPECIFICATIONS



A PROVEN BIOMETRIC ENROLLMENT AND VERIFICATION SOLUTION

GMS-Approved Android™ 11 OS
4G, Wi-Fi, Bluetooth, GPS
Contact + Contactless Card Reader
Dual SIM Card Ready

FAP 30 Fingerprint Sensor
6,400mAh Battery
Quad Core 2GHz Processor
4 GB RAM

Explore The Features



Independently Certified

FC CE IP65 GMS MIL-STD-810H

Finally, An Affordable ID Verification Platform For Demanding Environments.

- ✓ Know your customer (KYC) for banking or SIM card registration
- ✓ Patient identification for healthcare
- ✓ Law enforcement and public safety
- ✓ Voter registration and ID
- ✓ Traveler identification
- ✓ Census taking
- ✓ Various other applications that benefit from fast and accurate identification

A Revolution In Mobile Biometric Enrollment And Verification

Credence-3™

Credence-3 is an economical next generation biometric and credential reading identity platform that places the power of mobile authentication into the hands of users in the most demanding environments.

This new platform features a 2.0GHz quad-core Single Board Computer (SBC) with 4GB-RAM 16GB-eMMC. Its dual-density mechanical enclosure achieves IP-65 water/dust protection and meets the stringent MIL-STD-810H drop test specifications.

An integrated FAP 30 FIPS-201 FBI-certified 500 DPI fingerprint sensor with LES film, a 13 MP camera and a dual interface contact/contactless smart card reader, make Credence-3 an intuitive and elegant combination of biometrics, credential reading and mobility.

Credence-3s power efficiency is the best in its class with over 12 hrs of continuous use on Wi-Fi and 10 hrs of continuous use on cellular. The accompanying Credence ID software suite empowers partners to build and deploy customized solutions for their desired objectives, workflows, environments and use cases.



Credence-3 is designed to work seamlessly with CredenceCONNECT™ MDM (Mobile Device Management).

CredenceCONNECT is a cloud-based intuitive platform that provides administrators with essential services such as zero-touch provisioning, activity and battery monitoring, location mapping, remote locking/wiping and troubleshooting. OS, firmware and application updates can be pushed over-the-air too!

Specifications

High Performance computational system	MediaTek Helio A22 MT6761 SoC Quad Core A53 @2.0GHz
OPEN yet Secure Operating System and Multi-Application Architecture	Google Certified, GMS - Approved Android™ 11 Operating System , Java SDK for biometric and credential (SmartCard) functionality Over-The-Air (OTA) updates for OS and SDK
High-Speed and Secure Memory	Onboard storage: 16GB eMMC External SD Card slot: up to 128 GB SD Card (purchased separately) supported RAM: 4GB LPDDR4
Multiple Connectivity Options	Wi-Fi: 8.11a/b/g/n/ac 2.4 + 5GHz Bluetooth: 5.0 BR/EDR/LE (Compatible with Bluetooth 1.x, 2.x, 3.x & 4.0) 2G - GSM850 GSM900 DCS1800 PCS1900 3G - WCDMA: B1/2100;B2/1900;B5/850;B8/900 3G - TD/SCDMA: B34/B39 LTE: - USA: B2, B4, B5, B13, B17 - EU/EMEA: B1, B3, B20 - Africa/Southeast Asia: B1, B2, B5, B8, B19. Dual SIM GPS: Standalone multi-GNSS (GPS, GLONASS and Galileo) engine with active antenna
Touchscreen Display	Size: 5.5-inch diagonal Resolution: 720x1280 Pixels Type: Capacitive multi-touch panel
Integrated FBI PIV Certified FAP 30 Single-Finger Scanner	Type: LES (Light Emitting Sensor Technology) Image Capture Size: 0.8 x 1.0 inch DPI: min 500ppi Classification: FAP 30 Sensor Certification: PIV 071006, FIPS 201, FAP 30 / Certified to Mobile ID Requirements
Contact and Contactless Smart Card Reader	Contactless Interface: Read/write mode supporting ISO/IEC 14443A/B MIFARE Read/write mode supporting MIFARE Contact Interface: Acceptor: Friction Insert/remove cycles: 100,000
Integrated Camera	Resolution: 13 Megapixel Autofocus: Continuous focus and Touch-to-focus Flash: LED
Easy to Expand	USB-C port with USB-On-The-Go (USB-OTG) support.
Fast Charge and Full Day Battery Life	6,400 mAh Li-Ion battery (largest in its class) Fast charging with Certified worldwide fast charger included
Environmental Protection	IP Rating: IP65 Shock resistance: MIL-STD-810H compliant Operating conditions Temperature: -20°C to 60°C Humidity: 5% < RH < 95% (non- condensing)
Dimensions	206 mm X 86 mm X 20 mm, 354 grams