

# CredenceECO-Identifier™

## PRODUCT OVERVIEW & TECHNICAL SPECIFICATIONS



### A PROVEN BIOMETRIC VERIFICATION SOLUTION

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

FAP 20 Fingerprint Sensor  
6,400mAh Battery  
Quad Core 2GHz Processor  
4 GB RAM

# A Revolution In Mobile Biometric Verification

## CredenceECO-Identifier™

CredenceECO™ 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-layer mechanical enclosure achieves IP-65 water/dust protection and meets the stringent MIL-STD-810H drop test specifications.

An integrated FAP 20 FIPS-201 FBI-certified 500 DPI fingerprint sensor, a 5 or 13 MP camera with LED illumination and a dual interface contact/contactless smart card reader, make CredenceECO an intuitive and elegant combination of biometrics, credential reading and mobility.

CredenceECOs 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.



CredenceECO-Identifier 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!

# 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

# Specifications

<b>High Performance computational system</b>	MediaTek Helio A22 MT6761 SoC Quad Core A53 @2.0GHz
<b>OPEN yet Secure Operating System and Multi-Application Architecture</b>	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
<b>High-Speed and Secure Memory</b>	<b>Onboard storage:</b> 16GB eMMC <b>External SD Card slot:</b> up to 128 GB SD Card (purchased separately) supported <b>RAM:</b> 4GB LPDDR4
<b>Multiple Connectivity</b>	<b>Wi-Fi:</b> 8.11a/b/g/n/ac 2.4 + 5GHz <b>Bluetooth:</b> 5.0 BR/EDR/LE (Compatible with Bluetooth 1.x, 2.x, 3.x & 4.0) <b>2G - GSM850 GSM900 DCS1800 PCS1900</b> <b>3G - WCDMA:</b> B1/2100;B2/1900;B5/850;B8/900 <b>3G - TD/SCDMA:</b> B34/B39 <b>LTE:</b> - <b>USA:</b> B2, B4, B5, B13, B17 - <b>EU/EMEA:</b> B1, B3, B20 - <b>Africa/Southeast Asia:</b> B1, B2, B5, B8, B19. <b>Dual SIM</b> <b>GPS:</b> Standalone multi-GNSS (GPS, GLONASS and Galileo) engine with active antenna
<b>Touchscreen Display</b>	<b>Size:</b> 5.5-inch diagonal <b>Resolution:</b> 720x1280 Pixels <b>Type:</b> Capacitive multi-touch panel
<b>Integrated FAP 20 FBI and FIPS 201 PIV certified active thermal fingerprint sensor</b>	<b>Type:</b> Thermal-Capacitive <b>Image Capture Size:</b> 0.8 x 0.6 inch <b>DPI:</b> min 500dpi <b>Classification:</b> FAP 20 <b>Certification:</b> FBI and FIPS 201 PIV
<b>Contact and Contactless Smart Card Reader</b>	<b>Contactless Interface:</b> Read/write mode supporting ISO/IEC 14443A/B MIFARE Read/write mode supporting MIFARE <b>Contact Interface:</b> Acceptor: Friction Insert/remove cycles: 100,000
<b>Integrated Camera</b>	<b>Resolution:</b> 5 Megapixel (up to 13 Megapixel optional upgrade) <b>Autofocus:</b> Continuous focus and Touch-to-focus <b>Flash:</b> LED
<b>Easy to Expand</b>	USB-C port with USB-On-The-Go (USB-OTG) support.
<b>Fast Charge and Full Day Battery Life</b>	6,400 mAh Li-Ion battery (largest in its class) Fast charging with Certified worldwide fast charger included
<b>Environmental Protection</b>	<b>IP Rating:</b> IP65 <b>Shock resistance:</b> MIL-STD-810H compliant
<b>Dimensions</b>	206 mm X 86 mm X 20 mm, 354 grams