Physical characteristics

- **Dimensions:**
  - 200 mm x 82 mm x 40 mm - 7.9” x 3.2” x 1.6”
- **Weight:**
  - 600 grams
- **Color screen:**
  - 5” W VGA High Resolution (720x1280)
  - Portrait or Landscape
  - Capacitive Color Touchscreen
  - Dragontrail Glass
- **Camera:**
  - 13 MPixels Autofocus & Flash
  - Sensor Sony IMX135
- **Extension and communication ports:**
  - 1 Micro SD Slot
  - 1 Micro SIM Slot
  - 1 Micro USB Connector
  - 1 LIF Connector
  - 3 Programmable Keys
  - Proximity Sensor
  - Ambient Light Sensor
  - Geomagnetic Sensor
  - Gyroscope
  - Accelerometer

Performance characteristics

- **Processor:**
  - Qualcomm Snapdragon MSM 8956
  - Dual Core @ 1.8 GHz
  - Quad Core 1.4 GHz
- **Memory:**
  - 2 GB LPDDR3 RAM
  - 16 GB Flash
  - Up to 400 GB via the Micro SD Slot
- **Operating system:**
  - Android 8
  - Our SDK are compatible with Android Studio
Mobile Identification
Rugged Handheld terminal

User environment
- **IP sealing**: IP 65
- **Temperatures**: Operating temperature: -20°C to +60°C / Storage temperature: -20°C to +60°C Humidity 5 to 85% non-condensing
- **Drop specification**: Multiples drops on 1.5m (Compliant MIL-STD-810G)

Wireless communications
- **Bluetooth**:
  - BT 4.0
  - BT 2.1 EDR
- **WLAN**:
  - WiFi (2.4 GHz - 5 GHz)
  - 802.11 a/b/g/n/ac
- **WWAN**:
  - GSM
  - GPRS
  - EDGE supported frequency bands: 850 - 900 - 1800 -1900 MHz
  - 3G supported frequency bands: UMTS B1 (2100) - B2 (1900) - B5 (850) - B8 (900)
  - 4G supported frequency bands: LTE B1(2100) - B3 (1800) - B5 (850) - B7 (2600) - B8 (900) - B20 (800) - B28 (700) WARNING: Limited support of cellular networks in Canada and the USA.
- **Integrated GPS**:
  - GPS
  - A-GPS
  - GLONASS
  - BeiDou

Fingerprint module
- **Module**:
  - Capacitive
  - Active area: 0.8 x 1.0 in |20.32 x 25.4 mm| LES (Light Emitting Sensor) technology
  - FAP 10 & FAP 30 certified
  - GSA FIPS 201 certified
  - FBI PIV certified

Wireless certifications
- **Certification**:
  - EU: CE certification
  - US: FCC certification

Identification modules
- **Contactless card reader HF (optional)**:
  - ICAO compliant : fully interoperable to read all types of e-passports
  - Compliant with CAC – PIV – TWIC - Compliant with ISO 14443 A / B standards, including SR176 tags
  - Tags Philips Mifare family
  - 13.56 MHz – HID iCLASS – ISO14443A/B - ISO15693 - FeliCa (IDm) - CEPAS (CAN)
  - Compliant with iCLASS Standard/SE/SR/Seos, PIV II, Secure Identity Object (SIO) MIFARE - DESFire EV1 - PicoPass
- **Contact card reader**:
  - Fully interoperable to read all types of eID documents
  - Compliant with ISO 7816 1/2 /3 [T= 0 & T=1]
  - Compliant with CAC
  - PIV
  - TWIC
  - High performance smartcard interface supports up to 420kbps when supported by card - 1 SAM available
- **OCR reader (Optional)**:
  - Compliant 9303 ICAO : Machine Readable Passports: 2 lines of 44 characters
  - Machine Readable Visas: 2 lines of 44 characters, 2 lines of 36 characters
  - Travel documents: 2 lines of 36 characters, 3 lines of 30 characters
  - Clip accessory (left or right side) 82mm x 32mm x 17mm

Barcode reader
- **Reader**: 2D Imager Opticon MDI3100-SR