CHAMELEON 5 RANGE
BIOMETRIC HANDHELD TERMINAL

- Multiple Configurations
- 5.7” Sunlight Readable Touch Screen
- Long Life Removable Battery
- 8/13MP Front/Back Camera

- 4G/Wi-Fi/Bluetooth/GPS
- Barcode Scanner
- Powerful Processor
- Digital Signature Capture

- IRIS Capture
- Fingerprint Capture
- NFC Scanner
- Contact Card Reader

www.chameleonbiometrics.com
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The new rugged Chameleon 5 “Dual” ensures rapid and secure biometric data capture. Multiple configurations for multiple applications, the Chameleon adapts to any environment.

**Key Benefits**
- User-friendly, Compact & Reliable
- Multiple Configuration Options
- Android 7.1 Operating System
- Powerful Snapdragon™ Processor
- 4G, Wi-Fi, Bluetooth & GPS
- Removable Long-life Battery
- Multiple Interface Ports Including 2 x SIM
- Water / Dust / Shock / Drop Resistant
- Function / Volume / On-Off Buttons

**Additional Features**
- Tamper Proof & Ultra Secure
- Full SDK & Support
- LED Indicator Lights
- Rugged Handstrap
- Customization Options (MOQ's Apply)

**Multi-Modal Biometrics**
- One Dual Fingerprint Scanner (for 2-finger flat or rolled scans)
- Front & Back IRIS Scanners
- Facial Recognition
- Voice Recognition

**Multiple Applications**
- Identity Registration & Verification
- Voter Enrollment & Verification
- Law Enforcement
- Military & Public Security
- Border & Access Control
- Banking
- Disaster Relief & Management
- NGO’s
- Medical / Health Industry
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| **Display**              | 5.7" 10-Point G+G Capacitive Multi-Touch LCD Display  
  Coming antiglare glass, sunlight readable, glove friendly  
  Resolution: 1080 x 2160 Pixels, 18:9 Ratio |
| **Mobile Connectivity**  | 3G / 4G Modern, Global support, adapts to region bands & frequencies.  
  Mobile bands: LTE, CDMA, TD-SCDMA, UMTS/WCDMA  
  Mobile data: EDGE, FDD / TDD LTE, DC-HSPA+  
  Wi-Fi: IEEE 802.11 a/b/g/n/ac (2.5GHz & 5GHz)  
  Bluetooth: Bluetooth 4.2 (SIG standard)  
  GPS: GPS(GNSS) & GLONASS Receiver. Accuracy within 5m. Can operate without data connection |
| **Front Camera**         | 8MP auto focus with LED |
| **Back Camera**          | 13MP auto focus  
  Unique 4 x LED light system (ICAO Std) |
| **Sensors**              | G-Sensor / Proximity Sensor / Light Sensor |
| **External Connection Ports** | 1 x DC charge / 1 x USB3.0 / 1 x 3.5mm audio jack  
  1 x Micro SD (up to 128GB) / 2 x Micro SIM / 1 x Micro SAM |
| **Fingerprint Sensor**  | Dual flat print and single finger roll scan using LEES (Light Emitting Sensor) technology  
  Mobile ID IC A FAP 45, P5, QSA FIPS 201, FBI Appendix F certified  
  Captures both rolled and flat fingerprints  
  Surface durability: MIL-C-675c 4.5010, MIL-STD-810F  
  Surface resistance ammonia, IPA, methanol, soaps/detergents, salt water  
  Latent prints are not recognized, excellent with dry and dirty fingers  
  Scans in indirect/direct sunlight  
  Performs all requirements common in Ten Print enrollment applications |
| **NFC Scanner**          | Contactless card reader/writer, card emulation, peer-to-peer communication  
  Supports ISO 14443 Type A and B cards, MIFARE®, Felica and ISO 18092 compliant operating frequency 13.56MHz Read/Write up to 424 Kbps, Microsoft® WHQL compliant |
| **Contact Card Reader**  | Supports ISO 7816 – Class A, B and C (5V, 3V, 1.8V) cards  
  CAC (Common Access Cards) & memory cards supported  
  Supports microprocessor cards with T=0, T=1 protocols  
  EMV Level 1, EN60950/ECE 60950, PPS, FIPS 201 and Microsoft® WHQL compliant |
| **Barcode Scanner**      | 1D, 2D & PDF417 barcode scanner (640 x 400 pixel resolution)  
  Omnidirectional scanning with wide field of view, intuitive illumination and LED Almer |
| **Back Iris Scanner**    | Auto capture single iris camera  
  Optimal distance = 14 cm, Focal depth = 1.0 cm  
  Near infrared LED illumination, indoor & outdoor usage  
  Eye safety std. (IEC 62471:2006-07), RoHS, FCC-Class B*  
  Image: ISO Std. 19794-6 (640x480 Pixels) supports K1, K2, K3, K7 |
| **Front Iris Scanner**   | Auto capture single iris camera  
  Capture distance = 25-35cm, Focal depth = 10cm, near infrared LED illumination / indoor & outdoor usage  
  Eye safety std. (IEC 62471:2006-07), RoHS, FCC-Class B* |
| **Speaker**              | 2 x waterproof stereo speakers |
| **Microphone**           | 2 x internal microphones |
| **Protective Casing**    | Rugged waterproof / dustproof / shockproof casing  
  IP65 rated & MIL 810G certified, drop tested up to 1.2m |
| **Battery**              | 1 x removable, rechargeable lithium-polymer 7100mAh / 3.85V smart battery  
  Approx. 9 hours operating time |
| **Power Adaptor**        | Input: 100-240VAC 50/60Hz  
  Output: 5VDC 2A |
| **LED Status Indicators** | Multi-functional status LED indicator |
| **Physical Buttons**     | Functions / Power ON-OFF / Volume UP-DOWN |
| **Dimensions & Weight**  | 241 mm x 97 mm x 55 mm, 665g |
| **Environmental Conditions** | Temperature:  
  - Operating: -10°C ~ +50°C  
  - Storage: -20°C ~ +60°C  
  Humidity:  
  - (non-condensing)  
  - Operating: 10% < RH < 90%  
  - Storage: 5% < RH < 95% |

**Accessories**  
- Stylus (Digital Signature Pen): 1024 pen pressure levels, 0.5mm hovering height  
  153pps pen digitizer rate with an active force between 20g and 500g  
- Hand Straps: Rugged removable hand strap  

*All Chameleon products carry a standard 1 year warranty.  
We provide a free SDK/API to support all your development needs.  
This device also fully supports multi-language options.  
*Design & Specification subject to change without notice