

BIOFLEX® XP7-ID



AMREL®
Pioneering Customized Rugged Solutions

Ultra Rugged Smartphone



Fingerprint
Sensor (FAP 45)
Single/Dual Finger
Capture & Rolls
Capable



Rugged



Lightweight



FBI-Certified

BioFlex® XP7-ID Rugged Smartphone

“The lightest, smartest, toughest, customized, mobile biometric solution in the world”

Enroll and verify in the field

No more taking a suspect’s word for their identity. No more wasting time driving them to a booking station. Ultra-Rugged BioFlex® XP7-ID lets you capture fingerprints with a device so small, you can hold it in one hand.

FAP 45

Since the XP7-ID generates Electronic Fingerprint Templates that are FAP 45 certified, you will get accurate information from the widest possible number of databases.

The toughest smartphone. Period.

Ultra-Rugged XP7-ID biometric solutions are built on the most rugged smartphone found anywhere. Independently certified to IP68 & MIL-STD 810, the BioFlex® XP7-ID is shock, drop, and water resistant.

Interoperable communications

You have a wide choice of communications options over tactical/ public networks including FirstNet and P-25 as well as 4G-LTE. Supports Code 3/Officer-In-Distress functionality, leading-edge Push-To-Talk performance, as well as SMS, MMS, email.

Built for the real world

Go ahead and use your wet fingers or gloved hands on the capacitive multi-touch touchscreen. The 4” Blanview LCD display has great outdoor visibility. The 4820mAh large dual cell battery enables long operation. Even the speakers are extra loud.

The solution you want

AMREL’s proprietary field-expedient solution enables you to quickly change applications in the field by simply switching modules. You can easily expand this biometric device to other applications, such as e-ticketing, and barcode reading.

BioFlex® XP7-ID Technical Specifications

Item	Standard
Form Factor	Candy Bar, Full Touch
Chipset	Qualcomm MSM8926 1.2 GHz Quad core
Band (WCDMA)	FDD-LTE B2/B4/B5/B7 B1/B8/B12/B17 UMTS 850/900/1900/2100 MHz GSM 850/900/1800/1900 MHz
Band(EVDO)	Compatible on any 4G LTE Network including AT&T, T-Mobile, Verizon and 1stNet (Band class 14)
OS	Android 4.4 or latest upgradable
LCD	4.0" WVGA (480x800), Corning® Gorilla® Glass 2, blanview display and 16.7 M color capacity
Touch	Glove and wet fingers multi touch
Memory	16 GB Internal storage/1 GB RAM User memory: 12 GB
Rear Camera	8 MP auto focus rear
Front Camera	1 MP fixed focus front
Audio	Dual mic solution with noise cancellation, 19 mm loud speaker with Gore® protective vents, output up to 103 dB
WiFi	802.11 a/b/g/n/r with hotspot

Item	Standard
Connectivity	BT 4.0/BLE (Low Energy), Support SMS and MMS GPS, NFC GPS, GLONASS, NFC
FM	Yes
Sensors	Proximity, Light, Acceleration, E-compass
Battery	4820mAh
Flexpedient	Exposed 12-pins
I/O port	3.5mm audio Magnetic USB
Ruggedness	IP68 & MIL-STD 810G Independently Certified
Operating Temp	-4 °F to 131 °F (-20 °C to 55 °C)
Size	5.4" x 2.8" x 0.8" (137 x 72.1 x 20.8 mm) 5.4" x 2.8" x 1.44" (137 x 72.1 x 36.6mm) (with Biometric module)
Weight	0.85 lbs (0.39 kg) w/ module, 0.65 lbs (0.29 kg) w/o module
Biometric module	FBI Certified Fingerprint Sensor (FAP 45) Single/Dual Finger Capture & Rolls Capable
Other Capabilities	Code 3/Officer-In-Distress Push-To-Talk Programmable Buttons

Quick Release Module



Fixed Module

