

# BIOPTIX™ PM3



**AMREL®**  
Pioneering Customized Rugged Solutions

7" RUGGED WINDOWS® BIOMETRIC TABLET

## Real-Time Border Security Solution



### The mobile solution for border security is here

The Bioptix™ PM3 Rugged Tablet identifies travelers at check points, airports, and the border. Available with snap-on options for Machine Readable Zone (MRZ) & Machine State Register (MSR) readers, this durable tablet reads ID & travel document of immigrants & tourists. Meets the relevant standards of International Civil Aviation Organization (ICAO) and Aircraft and Personnel Automated Clearance System (APACS). Option for FIPS 140-2 certification available.

### Verify identity quickly & easily

The Bioptix™ PM3 Rugged Tablet boasts a capacitive fingerprint reader, two cameras, and a variety of wireless options that enable real time communication with backend data center.

### Ruggedness saves time & money

No more downtime due to breakage and repair. Built to be MIL-STD-810G shock & vibration resistant, this mobile identity solution boasts a durable Solid State

Drive (SSD). The Bioptix™ PM3 Rugged Tablet will not fail in the field, even in the harshest conditions. The Bioptix™ PM3 Rugged Tablet will work when you do.

- Reads ID and travel document of immigrants and tourists
- Collect biometrics data including fingerprints and photograph
- IP65, 5ft drop, MIL-STD-810G shock & vibration resistant
- Windows 10 IoT Enterprise for Small Tablet, Window Embedded 8.1 Industry Pro for Tablet
- Camera: Front 2MP FF; Rear 8MP AF with LED
- Fingerprint reader: capacitive type, 508 dpi
- IEEE 802.11ac, LTE, Bluetooth, Wi-Fi 802.11 a/b/g/n/ac
- Police ID authentication
- Snap-on options for MSR & MRZ readers
- Docking solution available
- 8.9" x 6.6" x 1.1", 2.09 lbs

**SPECIFICATIONS - BIOPTIX™ PM3 7" RUGGED WINDOWS® BIOMETRIC TABLET**

<b>Operating System</b>	<ul style="list-style-type: none"><li>• Windows 10 IoT Enterprise for Small Tablet</li><li>• Window Embedded 8.1 Industry Pro for Tablet</li></ul>
<b>CPU</b>	Intel® Celeron® Processor N2930
<b>Memory</b>	DDR3L 4GB RAM, optional 8GB
<b>Storage</b>	128GB/256GB SSD <i>Optional FIPS 140-2 certified SSD (64~256GB)</i>
<b>Display</b>	<ul style="list-style-type: none"><li>• 7-inch 1024 x 600</li><li>• Multiple capacitive touch</li><li>• 850 nits, optical bonding with AR/AF sunlight readable solution</li></ul>
<b>RF</b>	<ul style="list-style-type: none"><li>• Bluetooth V4.0</li><li>• Wi-Fi 802.11 a/b/g/n/ac</li><li>• Optional 4G</li><li>• GPS, optional Glonass or BDS</li></ul>
<b>Data Collection</b>	<ul style="list-style-type: none"><li>• NFC (standard)</li><li>• Camera: Front 2MP FF; Rear 8MP AF with LED</li><li>• Fingerprint reader (capacitive type, 508 dpi, option)</li><li>• 2D barcode reader + MSR (snap-on, option)</li><li>• MRZ + MSR reader (snap-on, option)</li><li>• MSR reader (snap-on, option)</li></ul>
<b>I/O</b>	<ul style="list-style-type: none"><li>• USB 3.0 Type A x 2</li><li>• RJ-45 (10/100/1000) x 1</li><li>• RS-232 x 1</li><li>• Audio jack x 1</li><li>• Micro SD slot x 1</li><li>• Micro SIM slot x 1</li><li>• 32-pin docking connector x 1</li><li>• Speaker &amp; microphone</li><li>• DC-in x 1</li></ul>
<b>Sensor</b>	Gyroscope, e-compass, light sensor, g-sensor
<b>Rugged Feature</b>	<ul style="list-style-type: none"><li>• IP65, 5ft drop</li><li>• -20C to 50C operating temperature</li><li>• -30C to 70C storage temperature</li><li>• MIL-STD-810G shock &amp; vibration resistant</li></ul>
<b>Dimension &amp; Weight</b>	<ul style="list-style-type: none"><li>• 22.5 x 16.8 x 2.7 cm (8.9" x 6.6" x 1.1")</li><li>• 0.95 kg (2.09lbs)</li></ul>
<b>Battery</b>	<ul style="list-style-type: none"><li>• 2900 mAh, 7.4V</li><li>• 4200 mAh, 7.4V (optional 2nd Battery, hot swappable)</li></ul>

Specifications subject to change without notice