

APEX PM3

FULLY RUGGED 7" TABLET



AMREL®

Pioneering Customized Rugged Solutions

Mobile Identification & Security Solution



The mobile solution for border security is here

The APEX 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 APEX 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 APEX PM3 Rugged Tablet will not fail in the field, even in the harshest conditions. The APEX PM3 Rugged Tablet will work when you do.

- Reads ID and travel document of immigrants and tourists
- Collect biometrics data including fingerprints and photograph
- MIL-STD-810G, IP-65, & 5-ft drop
- Windows 10 IoT Enterprise & Windows Embedded 8.1 Industry Pro available
- Camera: Front 2MP FF; Rear 8MP AF with LED
- Fingerprint reader: capacitive type, 508 dpi
- Wi-Fi 802.11 a/b/g/n/ac, LTE, Bluetooth
- 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 - APEX PM3 RUGGED 7" TABLET

Operating System	<ul style="list-style-type: none">• Windows 10 IoT Enterprise for Small Tablet• Window Embedded 8.1 Industry Pro for Tablet
CPU	Intel® Celeron® Processor N2930
Memory	4GB RAM DDR3L, 8GB option
Storage	128GB/256GB SSD <i>Optional FIPS 140-2 certified SSD (64~256GB)</i>
Display	<ul style="list-style-type: none">• 7-inch 1024 x 600• Multiple capacitive touch• 850 nits, optical bonding with AR/AF sunlight readable solution
RF	<ul style="list-style-type: none">• Bluetooth V4.0• Wi-Fi 802.11 a/b/g/n/ac• Optional 4G• GPS, optional Glonass or BDS
Data Collection	<ul style="list-style-type: none">• NFC (standard)• Camera: Front 2MP FF; Rear 8MP AF with LED• Fingerprint reader (capacitive type, 508 dpi, option)• 2D barcode reader + MSR (snap-on, option)• MRZ + MSR reader (snap-on, option)• MSR reader (snap-on, option)
I/O	<ul style="list-style-type: none">• USB 3.0 Type A x 2• RJ-45 (10/100/1000) x 1• RS-232 x 1• Audio jack x 1• Micro SD slot x 1• Micro SIM slot x 1• 32-pin docking connector x 1• Speaker & microphone• DC-in x 1
Sensor	Gyroscope, e-compass, light sensor, g-sensor
Rugged Feature	<ul style="list-style-type: none">• IP-65, 5-ft drop• -20C to 50C operating temperature• -30C to 70C storage temperature• MIL-STD-810G shock & vibration resistant
Dimension & Weight	<ul style="list-style-type: none">• 22.5 x 16.8 x 2.7 cm (8.9" x 6.6" x 1.1")• 0.95 kg (2.09lbs)
Battery	<ul style="list-style-type: none">• 2900 mAh, 7.4V• 4200 mAh, 7.4V (optional 2nd Battery, hot swappable)

Specifications subject to change without notice