

BIOPTIX™ PM5

10.1" RUGGED WINDOWS® BIOMETRIC TABLET



AMREL®
Pioneering Customized Rugged Solutions

Sharp & Tough With Balanced Performance



Truly superior image quality

Bioptix™ PM5 Fully Rugged 10.1" sunlight readable tablet has one of the brightest, sharpest displays on the market. Its 1000 nits rating, bright backlight, anti-reflective coatings, and directly bonded LCD layers grants you exceptional image quality and detail.

FBI-Certified FAP45 Fingerprint

Equipped with an FBI-certified FAP45 fingerprint for high quality prints, operators can capture fingerprints on demand and in any environment. Single or dual, flat or rolled prints, you can enroll and identify individuals anytime, anywhere.

ATOM performance & battery life

The energy-thrifty Intel® Atom™ processor E3827 gives you balance between performance and power consumption.

IP65, MIL-STD-810G & 5 foot drop

Built by AMREL, the ruggedness experts, the Bioptix™ PM5 Tablet can operate in the frigid cold of commercial freezers or the stifling heat of the most severe deserts. With scratch-resistant Corning Gorilla Glass 3, tough magnesium chassis, and a durable ABS plastic cover,

the Bioptix™ PM5 Tablet will work in the harshest environments.

Multiple options

Choose among full Windows 7, Windows Embedded 8.1 or Windows 10 Internet of Things. Options include snap-on modules for magnetic stripe reader, smart card (CAC), NFC, as well as 2D barcode. Also available are vehicle docks, desktop docks, VESA mount brackets, 2-bay battery chargers, and dual capacity battery packs.

- Sunlight readable, 1920 x 1200 1000 nit display
- Corning Gorilla Glass 3
- Intel® Atom™ processor E3827 1.75GHz
- Full & Embedded Windows OS
- Dual cameras, 1920 x 1080 recording format
- Capacitive multi-touch supports glove touch
- GNSS, Wi-Fi, Bluetooth, optional 4G LTE
- Dual pass-through connector for WLAN, GNSS, WWAN
- Vehicle & desktop docks available
- Readers Options: Smart card (CAC), NFC, & 2D barcode, FBI-certified FAP 45 Fingerprint, MSR
- Less than 1-inch thick

SPECIFICATIONS - BIOPTIX™ PM5 10.1" RUGGED WINDOWS® BIOMETRIC TABLET

Operating System	<ul style="list-style-type: none"> • Windows 10 IoT Enterprise 2015 LTSB • Windows Embedded 8.1 Industry 64-bit • Windows Embedded Standard 8 64-bit • Windows 7 Professional 64-bit • Windows Embedded Standard 7 64-bit 	Sensor	Gyroscope, G-sensor, E-compass, light sensor												
CPU	Intel® ATOM™ Processor E3827 1.75 GHz	Power Adapter	AC 100V~240V, 50~60Hz Input; 19VDC@3.42A, 65W												
Memory	4GB DDR3L (8GB option)	Battery	<ul style="list-style-type: none"> • Standard : 4500mAh, 10.8V, hot swappable battery Battery operation* : 6 hours • Extended : 9000mAh, 10.8V, hot swappable battery (option) Battery operation* : 12 hours <small>*The listed battery life is based on Mobile Mark 2012* media mode testing.</small>												
Storage	128GB mSATA SSD (optional 256GB)	I/O Interface	<ul style="list-style-type: none"> • USB 3.0 type A x 1 • Gigabit ethernet (RJ-45) x 1 • RS-232 (optional for USB 2.0 type A) • Audio jack (headphone/microphone combo) x 1 • RF pass-through connector x 2 for WLAN, GNSS, WWAN • 12-pin docking connector x 1 • Micro SD slot x 1, Micro SIM slot x 1, Micro HDMI x 1 • Speaker & microphone 												
Display	<ul style="list-style-type: none"> • 10.1" WUXGA (1920 x 1200), 1000 nits sunlight readable • 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus • Gorilla Glass3 • Digitizer (option) 	Dimensions and Weight	14" x 7.7" x 0.9" (35.56 x 19.5 x 2.3 cm) 3.0 lbs (1.36 kg)												
Graphic	Intel HD Graphics	LED Indicator	<ul style="list-style-type: none"> • Power on/off • Wi-Fi on/off • Fn on/off • Battery full /charging/low 												
RF	<ul style="list-style-type: none"> • Wi-Fi 802.11 a/b/g/n/ac • Bluetooth V4.0 • Optional 3.5G or 4G LTE • GNSS(GPS/Glonass/BeiDou) 	Rugged Features	IP65, MIL-STD-810G, shock & vibration, 5 feet drop												
Webcam	<ul style="list-style-type: none"> • 2MP front camera • 5MP rear camera with auto focus and LED flash 	Environment	<ul style="list-style-type: none"> • Operating temperature -4° F to 122° F (-20° C to 50° C) • Storage temperature -22° F to 158° F (-30° C to 70° C) • Humidity 5%~95% 												
Data Collection	<ul style="list-style-type: none"> • FAP45 FBI-certified fingerprint scanner (single/dual, flat or rolled prints) • FAP45 fingerprint scanner + MSR • NFC (snap-on option) • Smart card reader (CAC/T (snap-on option) • 2D barcode reader (built-in option) 	Security	TPM 1.2												
Control Button	<ul style="list-style-type: none"> • Programmable button x 3 • Barcode trigger x 1 • Power, volume, Windows button 	Accessories	<table border="0"> <tr> <td>INCLUDED:</td> <td>OPTIONAL:</td> </tr> <tr> <td>• Pen</td> <td>• Vehicle Dock</td> </tr> <tr> <td>• Hand strap</td> <td>• Desktop Dock</td> </tr> <tr> <td>• Shoulder strap</td> <td>• VESA Mount Bracket</td> </tr> <tr> <td>• Handle</td> <td>• 2-bay Battery Charger</td> </tr> <tr> <td>• Power adapter</td> <td>• Long Life Battery Pack</td> </tr> </table>	INCLUDED:	OPTIONAL:	• Pen	• Vehicle Dock	• Hand strap	• Desktop Dock	• Shoulder strap	• VESA Mount Bracket	• Handle	• 2-bay Battery Charger	• Power adapter	• Long Life Battery Pack
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Specifications subject to change without notice



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