

Blaxtone

Built to Last Built to Secure



RUGGON



IP65



MIL-STD-810G



1000 nits



PM-311B

Newly Enhanced 7-inch Rugged Tablet



Best-In-Class Visibility

PM-311B, incorporated with 1000 nits display and class-leading optical bonding technology to ensure optimized readability under direct sunlight for mobile workers.



Designed to Secure

PM-311B, the world's first ever tablet that can read up to 3 lines of machine-readable zone (MRZ) data – enabling it to capture, identify, and process passport, visa and ID card information right at your fingertip.

Tailored for public safety needs, PM-311B is also integrated with a 508-dpi capacitive and high-performance fingerprint reader to collect more detailed and accurate fingerprint characteristics which can be matched to databases.

Enhanced Security Perimeters

Besides the encrypted SSD with FIPS 140-2 certification, we also offer a customized one-button-push function which allows you to quickly erase SSD data during emergencies by leveraging Phoenix's SecureWipe technology and implementing a number of global standard algorithms.



Exceptional Versatility

Equipped with all the connectivity options and data capturing capabilities you need in one compact form factor, PM-311B empowers you to do more.



8MP Camera



Near Field Communication



2D Barcode Reader
With OCR



Magnetic Stripe Reader

Application Highlight – Law Enforcement



Police Daily Tasks

- Fingerprint Reader/NFC - ID authentication or checkpoint check-in
- GNSS - Patrol route management & movement tracking record
- Real time communications - Real time dispatch communications and police intelligence
- FIPS-certified SSD and Phoenix SecureWipe – Protect vital databases and devices

PM-522

Functionality and Durability. A Powerful Combination.

4:3 Screen with Class-Leading Specification

The 4:3 screen of PM-522 is equipped to the highest specification on the market and offers a large viewing area. It is easily compatible with existing software.



Impressively Rugged Grade

As the best device for mobile workers, durability is a key factor in fulfilling each critical task. PM-522 meets a rigorous IP65 rating, 6 feet drop and MIL-STD-810G for vibration and shock resistance.

Dedicated Field Device

PM-522 comes with a number of functions for data capture, making it a simpler and more efficient device for field workers.



Border Control

- MRZ Reader – 2D barcode with OCR – Passport and travel document control
- Fingerprint Reader/Camera - Collect fingerprints and photographs
- Real time communication - Real time police intelligence
- FIPS-certified SSD and Phoenix SecureWipe – Protect vital database and device



Road Block

- Fingerprint Reader/NFC - ID authentication or checkpoint check-in
- Fingerprint/MSR/MRZ Reader - Identify suspect of criminal acts
- Electrical data capture - Speed up performance and documentation tasks
- Real time communications - Real time dispatch communications and police intelligence
- FIPS-certified SSD and Phoenix SecureWipe – Protect vital database and device



Besides core tablet settings, DashON APP features ECO mode for power saving functionality, Touch Screen Lock for preventing unintended touches, Button Setting for programmable function buttons, and Passthrough Switch for selecting the dual RF-antenna connections. CamON can check GPS positioning status and stamp geographical information on photos, so users can track them easily.

DashON App

Specifications



PM-311B

System	<ul style="list-style-type: none"> ◆ Intel® Celeron® N2930 1.83GHz ◆ 4GB DDR3L ◆ 128GB / 256GB SSD, optional FIPS 140-2 certified SSD (64~256GB) ◆ OS supports Windows 10 IoT Enterprise 	Display	<ul style="list-style-type: none"> ◆ 7" TFT LCD WSVGA (1024 x 600); 1000 nits brightness, optical bonding with AR/AF solution ◆ 10-point capacitive touch
Durability	<ul style="list-style-type: none"> ◆ IP65, MIL-STD-810G (vibration, shock, 5' drop resistance) ◆ Operating temperature -20°C to 50°C 	Communication	<ul style="list-style-type: none"> ◆ NFC ◆ Wi-Fi 802.11 a/b/g/n/ac ◆ Bluetooth V4.0 + EDR ◆ GPS, optional GLONASS or BeiDou ◆ Optional 4G LTE
Camera	<ul style="list-style-type: none"> ◆ Front 2MP, rear 8MP auto focus with LED flash 	Expansion Option	<ul style="list-style-type: none"> ◆ MRZ reader + MSR 2-in-1 module ◆ 2D barcode reader + MSR 2-in-1 module ◆ Optional fingerprint reader (capacitive type, 508 dpi)
Interfaces	<ul style="list-style-type: none"> ◆ RS-232 x 1, USB 3.0 x 2, Gigabit Ethernet (RJ45) X 1, Micro SD slot x 1, Micro SIM slot x 1, audio jack x 1, docking connector x 1 	Battery	<ul style="list-style-type: none"> ◆ Long battery life support with hot-swappable battery
Security	<ul style="list-style-type: none"> ◆ TPM 2.0 	Dimensions & Weight	<ul style="list-style-type: none"> ◆ 22.5 x 16.8 x 2.7 cm, 0.95kg
Software	<ul style="list-style-type: none"> ◆ DashON 		



PM-522

System	<ul style="list-style-type: none"> ◆ Intel® Atom™ E3827 1.75GHz ◆ 4GB DDR3L ◆ 64GB mSATA SSD, expandable to 128GB / 256GB ◆ OS supports Windows 10 IoT Enterprise 	Display	<ul style="list-style-type: none"> ◆ 10.4" XGA (1024 x 768); 350 nits brightness, optional 700 nits brightness ◆ 10-point capacitive touch
Durability	<ul style="list-style-type: none"> ◆ IP65, MIL-STD-810G (vibration, shock, 6' drop resistance) ◆ Operating temperature -20°C to +50°C 	Communication	<ul style="list-style-type: none"> ◆ Wi-Fi 802.11 a/b/g/n/ac ◆ Bluetooth V4.0 + EDR ◆ GNSS (GPS / GLONASS / BeiDou by request) ◆ Optional 4G LTE
Camera	<ul style="list-style-type: none"> ◆ Front 2MP, rear 5MP auto focus with LED flash 	Expansion Option	<ul style="list-style-type: none"> ◆ Magnetic Stripe reader ◆ 2D barcode reader ◆ Smart Card reader_CAC + GNSS 2-in-1 module
Interfaces	<ul style="list-style-type: none"> ◆ USB 3.0 x 1, USB 2.0 x 1, Micro SIM slot x 1, audio jack x 1, docking connector x 1 	Battery	<ul style="list-style-type: none"> ◆ Long battery life support with hot-swappable battery
Security	<ul style="list-style-type: none"> ◆ TPM 1.2 	Dimensions & Weight	<ul style="list-style-type: none"> ◆ 27.5 x 20.4 x 2.7 cm, 1.3kg
Software	<ul style="list-style-type: none"> ◆ DashON 		

Accessories & Peripherals

PM-522



Desktop Dock



Vehicle Dock



Barcode Reader



Smart Card Reader(CAC)
+ GNSS



MSR

PM-311B



Vehicle Dock



Desktop Dock



MRZ reader
+ MSR



Barcode reader
+ MSR

See website for more accessories.



V. 2019B



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