# Blaxtone

## Built to Last  Built to Secure

ruGGON

IP65  MIL-STD-810G  850 nits  6'

# PM-311B
## Newly Enhanced 7-inch Rugged Tablet

## Best-In-Class Visibility

PM-311B, incorporated with 850 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

NFC
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.

**10.4"**
**4:3 Screen**

6'Drop

## 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.

Smart Card Reader

2D Barcode Reader

Magnetic Stripe Reader

## Dedicated Field Device

PM-522 comes with a number of functions for data capture, making it is 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** | ◆ Intel® Celeron® N2930 1.83GHz<br>◆ 4GB DDR3L<br>◆ 128GB / 256GB SSD, optional FIPS 140-2 certified SSD (64~256GB)<br>◆ OS supports Windows 10 IoT Enterprise |
| **Durability** | ◆ IP65, MIL-STD-810G (vibration, shock, 5' drop resistance)<br>◆ Operating temperature -20°C to 50°C |
| **Camera** | ◆ Front 2MP, rear 8MP auto focus with LED flash |
| **Interfaces** | ◆ RS-232 x 1, USB 3.0 x 2, Micro SD slot x 1, Micro SIM slot x 1, audio jack x 1, docking connector x 1 |
| **Security** | ◆ TPM 2.0 |
| **Software** | ◆ DashON |
| **Display** | ◆ 7" WSVGA (1024 x 600); 850 nits brightness, optical bonding with AR/AF solution<br>◆ 10-point capacitive touch |
| **Communication** | ◆ Gigabit Ethernet (RJ45)<br>◆ NFC<br>◆ Wi-Fi 802.11 a/b/g/n/ac<br>◆ Bluetooth V4.0 + EDR<br>◆ GPS, optional GLONASS or BeiDou<br>◆ Optional 4G LTE |
| **Expansion Option** | ◆ MRZ reader + MSR 2-in-1 module<br>◆ 2D barcode reader + MSR 2-in-1 module<br>◆ Optional fingerprint reader (capacitive type, 508 dpi) |
| **Battery** | ◆ Long battery life support with hot-swappable battery |
| **Dimensions & Weight** | ◆ 22.5 x 16.8 x 2.7 cm, 0.95kg |

### PM-522

| | |
|---|---|
| **System** | ◆ Intel® Atom™ E3827 1.75GHz<br>◆ 4GB DDR3L<br>◆ 64GB mSATA SSD, expandable to128GB / 256GB<br>◆ OS supports Windows 10 IoT Enterprise |
| **Durability** | ◆ IP65, MIL-STD-810G (vibration , shock, 6' drop resistance)<br>◆ Operating temperature -20°C to +50°C |
| **Camera** | ◆ Front 2MP, rear 5MP auto focus with LED flash |
| **Interfaces** | ◆ USB 3.0 x 1, USB 2.0 x 1, Micro SIM slot x 1, audio jack x 1, docking connector x 1 |
| **Security** | ◆ TPM 1.2 |
| **Software** | ◆ DashON |
| **Display** | ◆ 10.4" XGA (1024 x 768); 350 nits brightness, optional 700 nits brightness<br>◆ 10-point capacitive touch |
| **Communication** | ◆ Wi-Fi 802.11 a/b/g/n/ac<br>◆ Bluetooth V4.0 + EDR<br>◆ GNSS (GPS / GLONASS / BeiDou by request)<br>◆ Optional 4G LTE |
| **Expansion Option** | ◆ Magnetic Stripe reader<br>◆ 2D barcode reader<br>◆ Smart Card reader_CAC + GNSS 2-in-1 module |
| **Battery** | ◆ Long battery life support with hot-swappable battery |
| **Dimensions & Weight** | ◆ 27.5 x 20.4 x 2.7 cm, 1.3kg |

## 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.