

# Blaxtone

Built to Last Built to Secure



**RUGGON**



IP65



MIL-STD-810G



850 nits





# 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



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









### DashON App

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.

## Specifications



PM-311B

<b>System</b>	<ul style="list-style-type: none"> <li>◆ Intel® Celeron® N2930 1.83GHz</li> <li>◆ 4GB DDR3L</li> <li>◆ 128GB / 256GB SSD, optional FIPS 140-2 certified SSD (64~256GB)</li> <li>◆ OS supports Windows 10 IoT Enterprise</li> </ul>	<b>Display</b>	<ul style="list-style-type: none"> <li>◆ 7" WSVGA (1024 x 600); 850 nits brightness, optical bonding with AR/AF solution</li> <li>◆ 10-point capacitive touch</li> </ul>
<b>Durability</b>	<ul style="list-style-type: none"> <li>◆ IP65, MIL-STD-810G (vibration, shock, 5' drop resistance)</li> <li>◆ Operating temperature -20°C to 50°C</li> </ul>	<b>Communication</b>	<ul style="list-style-type: none"> <li>◆ Gigabit Ethernet (RJ45)</li> <li>◆ NFC</li> <li>◆ Wi-Fi 802.11 a/b/g/n/ac</li> <li>◆ Bluetooth V4.0 + EDR</li> <li>◆ GPS, optional GLONASS or BeiDou</li> <li>◆ Optional 4G LTE</li> </ul>
<b>Camera</b>	<ul style="list-style-type: none"> <li>◆ Front 2MP, rear 8MP auto focus with LED flash</li> </ul>	<b>Expansion Option</b>	<ul style="list-style-type: none"> <li>◆ MRZ reader + MSR 2-in-1 module</li> <li>◆ 2D barcode reader + MSR 2-in-1 module</li> <li>◆ Optional fingerprint reader (capacitive type, 508 dpi)</li> </ul>
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>◆ 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</li> </ul>	<b>Battery</b>	<ul style="list-style-type: none"> <li>◆ Long battery life support with hot-swappable battery</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>◆ TPM 2.0</li> </ul>	<b>Dimensions &amp; Weight</b>	<ul style="list-style-type: none"> <li>◆ 22.5 x 16.8 x 2.7 cm, 0.95kg</li> </ul>
<b>Software</b>	<ul style="list-style-type: none"> <li>◆ DashON</li> </ul>		



PM-522

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

## Accessories & Peripherals



See website for more accessories.

