

Blaxtone

Build to Last. Build to Secure.



PM-311B

Newly Enhanced 7-inch Rugged Tablet

Best-in-class Visibility

PM-311B, incorporated with 850 nits class-leading sunlight readable 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 and match them to database.

Enhanced Security Perimeters

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

PM-311B is also equipped with Janus USB Ignition Key, which is the only security solution in the market that combines BIOS, cloud services and physical USB Key all working together to authenticate users.



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



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, Janus USB Ignition Key and Phoenix SecureWipe – Protect vital database and device

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 large viewing area. It is easily compatible with existing software.



Impressively Rugged Grade

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

Field Dedicated Device

PM-522 comes with a number of functions for data capture to offer more simple and efficient device for field workers.



Border Control

- ♦ MRZ Reader – Passport and travel documents control
- ♦ Fingerprint Reader/Cameras - Collect fingerprint and photograph
- ♦ Real time communication - Real time police intelligence
- ♦ FIPS-certified SSD, Janus USB Ignition Key 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, Janus USB Ignition Key and Phoenix SecureWipe – Protect vital database and device



PM-311B



PM-311



PA-301

SYSTEM

- ◆ Intel® Celeron® N2930 1.83GHz
- ◆ DDR3L 4GB RAM memory, optional 8GB
- ◆ 128GB/256GB SSD, optional FIPS 140-2 certified SSD (64-256GB)
- ◆ Optional OS :
Windows 10 IoT Enterprise for Small Tablet
Window Embedded 8.1 Industry Pro for Tablet

- ◆ Intel® ATOM N2600 1.6GHz
- ◆ 2GB DDR3 memory
- ◆ 32GB half-slim SATA SSD (up to 128GB)
- ◆ Optional OS :
Windows Embedded Standard 7
Windows 7 Professional

- ◆ TI Dual Core Cortex A9 OMAP4470 1.5GHz
- ◆ 2GB LPDDR2 memory
- ◆ 32GB eMMC (up to 64GB)
- ◆ Optional OS :
Android 4.0

DISPLAY

- ◆ 7-inch WSVGA (1024 x 600)
- ◆ 850 nits, optical bonding with AR/AF solution
- ◆ Multiple capacitive touch

- ◆ 7-inch WXGA (1280 x 800)
- ◆ 350 nits, optional 700 nits
- ◆ 5-wire resistive touch

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- ◆ 350 nits, optional 700 nits
- ◆ Multiple capacitive touch

DURABILITY

- ◆ MIL-STD-810G, 5 feet drop, IP65
- ◆ Operating temp : -20°C to +50°C

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COMMUNICATION

- ◆ NFC
- ◆ Wi-Fi 802.11 a/b/g/n/ac
- ◆ GNSS (GPS, GLONASS, optional BeiDou)
- ◆ Bluetooth V4.0 + EDR
- ◆ Optional 4G LTE

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- ◆ NFC
- ◆ Wi-Fi 802.11 a/b/g/n
- ◆ GPS
- ◆ Bluetooth V4.0 + EDR
- ◆ Optional 3.5G

CAMERA

- ◆ Front 2MP, rear 8MP AF with LED flash

- ◆ Front 2MP, rear 5MP AF with LED flash

- ◆ Front 1.2MP, rear 5MP AF with LED flash

I/O INTERFACE

- ◆ Ethernet (RJ45), RS232, 2 x USB 3.0, Micro SD slot, Micro SIM slot, audio jack, speaker, microphone, 32-pin docking connector

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- ◆ Ethernet (RJ45), RS232, USB 2.0, Micro USB, Micro SD slot, Micro SIM slot, audio jack, microphone, speaker, 32-pin docking connector

EXPANSION

- ◆ Optional MRZ reader+ MSR 2-in-1 module
- ◆ Optional 2D barcode reader + MSR 2-in-1 module

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SECURITY

- ◆ TPM 2.0
- ◆ Optional fingerprint reader (capacitive type, 508 dpi)
- ◆ Optional Janus USB Ignition Key, Phoenix SecureWipe

BATTERY

- ◆ Long battery life support with hot-swappable battery

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DIMENSIONS & WEIGHT

- ◆ 22.5 x 16.8 x 2.7 cm (8.9" x 6.6" x 1")
- ◆ 2.09 lbs (0.95kg)

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PM-522



PM-511

SYSTEM

- ◆ Intel® Atom E3827 1.75GHz
- ◆ 4GB DDR3L memory
- ◆ 64GB mSATA SSD (optional 128GB/256GB)
- ◆ Optional OS :
Windows 10 IoT Enterprise 2015 LTSB for Tablets
Windows Embedded 8.1 Industry
Windows Embedded Standard 8
Windows 7 Professional
Windows Embedded Standard 7

- ◆ Intel® Atom N2600 1.6GHz
- ◆ 2GB DDR3 memory
- ◆ 32GB half-slim SATA SSD (optional 64GB/128GB)
- ◆ Optional OS :
Windows Embedded Standard 7
Windows 7 Professional



DashON App

(available for PM-311B, PM-522)

DISPLAY

- ◆ 10.4-inch XGA (1024 x 768)
- ◆ 350 nits, optional 700 nits
- ◆ Multiple capacitive touch

- ◆ 10.4-inch XGA (1024 x 768)
- ◆ 350 nits, optional 700 nits
- ◆ 5-wire resistive touch

DURABILITY

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COMMUNICATION

- ◆ NFC
- ◆ Wi-Fi 802.11 a/b/g/n/ac
- ◆ GNSS (GPS, GLONASS, optional BeiDou)
- ◆ Bluetooth V4.0 + EDR
- ◆ Optional 4G LTE

- ◆ Wi-Fi 802.11 a/b/g/n
- ◆ Bluetooth V4.0 + EDR
- ◆ Optional 3.5G

Besides core tablet settings, DashON APP features ECO mode for power saving functionality, Touch Screen Lock for preventing unintended touch, 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 easily.

CAMERA

- ◆ Front 2MP, rear 5MP AF with LED flash

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I/O INTERFACE

- ◆ Ethernet (via Mini USB to RJ-45 adapter), USB 3.0, USB 2.0, Micro SIM slot, audio jack, speaker, microphone, 32-pin docking connector

- ◆ Ethernet (via Mini USB to RJ-45 adapter), 2 x USB 2.0, Micro SIM slot, audio jack, speaker, microphone, 32-pin docking connector

EXPANSION

- ◆ Optional MSR
- ◆ Optional 2D barcode reader
- ◆ Optional smart card reader (CAC) + GNSS 2-in-1 module

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- ◆ Optional NFC + GNSS 2-in-1 module
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- ◆ Optional 2D barcode reader
- ◆ Optional smart card reader (CAC) + GNSS 2-in-1 module
- ◆ Optional 2D barcode reader + GNSS 2-in-1 module



V. 2016A

SECURITY

- ◆ TPM 1.2

BATTERY

- ◆ Long battery life with hot-swappable battery

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DIMENSIONS & WEIGHT

- ◆ 27.5 x 20.4 x 2.7 cm (10.8" x 8" x 1.1")
- ◆ 1.3kg (2.87 lbs)

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- ◆ 1.4kg (3.09 lbs)



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All informations are subject to change without notice.