

# / PM3

## STYLISH, HANDY, SMART BLUETOOTH SCANNER

### STYLISH AND TRENDY DESIGN YET DURABLE TOWARDS ENTERPRISE APPLICATION MARKET

Among the flood of many luxurious and privileged Smart phone design, one of the most required smartphone accessory in Enterprise market, Bluetooth scanner were not accompanied with such trend. PM3 is pursuing the image of 'Stylish' and 'trendy' since it is mostly co-working with Smartphone and Smart tablet in field. Nevertheless, PM3 never abandon its durability and it is rugged enough as IP54 water/dust proof and 1.5m (5ft) drop resistance.

### SUPPORT MULTI-PLATFORM TO SERVE A VARIETY OF USERS AND APPLICATION IN ENTERPRISE MARKET

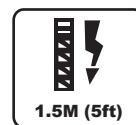
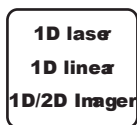
Starting from brand-free Android (from Gingerbread up to latest Lollipop) devices, PM3 can be pairing with iPhone, iPod , iPad, MacBook Air via Apple MFi certification as well as all Windows based laptop, tablet and desktop PC. With this true platform free PM3, the IT managers, who should deploy Bluetooth scanners in their work place, now do not need to have headache due to various workstation and BYOD(Bring Your Own Device) devices.

### COLLECT YOUR NECESSARY INFORMATION FROM VARIOUS MEDIA SUPPORTING 1D, 2D & NFC

Delfi PM3 adopts the latest 1D laser scanner, 1D CCD scanner & 1D/2D imager. It reads all sort of standard 1D and 2D barcode symbologies including GS1 Databar. Its optional linear imager (CCD) is perfectly able to collect barcode data displayed on computer screen and smart devices' screen. Also, its Near Field Communication function support peer-to-peer (P2P) communication and auto-triggering of Bluetooth pairing as well as read/write data from ISO 14443A/B & MiFare cards.

### FEATURES 'OF THE USERS, BY THE USERS, FOR THE USERS' IN ENTERPRISE BUSINESS

- Stand-alone Global Positioning System (GPS), which is integrated in PM3, transmits a field worker's instant location to the host device so that field forces can be tracked on mapping solution.
- For outdoor usage, PM3 adopts OLED display to provide true sunlight readability.
- With software development kit (SDK), app developers freely controls PM3 with various type of Smart business application.



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## STYLISH, HANDY, SMART BLUETOOTH SCANNER

### TECHNICAL DATA:

#### PHYSICAL CHARACTERISTICS

Dimensions with battery:  
78.5 x 39.0 x 19.4mm (3.1 x 1.5 x 1.1 in)  
Weight: 65g (2.3oz) including battery

#### ENVIRONMENTAL

Operating: -10°C to 50°C (14°F to 122°F)  
Storage: -20°C to 60°C (-4°F to 140°F)  
Relative Humidity: Non-condensing, 95%  
Rain & Dust Proof: IP54  
Drop Specification: 1.5m (5 ft) per MIL-STD 810G  
ESD: +/- 15 kV air, +/- 8 kV contact

#### POWER

Battery : Li-Ion, 850-950mAh, Built-in,  
Rechargeable, IEEE 172 Compliant  
Supports micro USB charging

#### MICRO-PROCESSOR

32-bit ARM Cortex -M4 RISC processor 120Mhz

#### FIRMWARE

Proprietary firmware, upgradable via USB  
Language support, English, Korean, Chinese  
Software Development Kit available  
Supporting host OS : Android, iOS,  
Windows Desktop, Mac Desktop.  
(MFi will be certified Q4 2015)

#### MEMORY AND STORAGE

1MB for program memory  
4MB for storage

#### DISPLAY

1.0inch OLED display (128 x 64 resolution)  
Monochrome color

#### WIRED COMMUNICATIONS

USB 2.0 Client (Full Speed)

#### WIRELESS COMMUNICATION

Bluetooth Wireless Technology  
IEEE 802.15 v2.1 + EDR  
- Class 2 up to 30 meter  
- Human Interface Device (HID) Keyboard  
- Serial Port Profile (SPP), operating as  
either a master or a slave

#### GLOBAL POSITIONING SYSTEM (GPS)

Stand-alone GPS : Ublox

#### INTEGRATED BARCODE SCANNER (3 OPTIONS)

1D Laser  
1D CCD (screen barcode readable)  
1D/2D Imager (screen barcode readable)

#### NEAR FIELD COMMUNICATION (NFC)

13.56Mhz, HF RFID  
Supports ISO14443A/B and Mifare  
Reading range : within 40mm (1.57inch)

#### LED INDICATOR & ALERT INDICATOR

3 color LED (Blue, Green & Red)  
Buzzer (90dB @ 10cm) & scan vibration

#### KEY BUTTON

3 keys (1 scan key & 2 menu keys)

#### ACCESSORIES

Standard accessories: AC plug, AC/DC  
charger, USB charging cable  
(Battery is built-in the scanner set)  
Optional accessories: Finger glove, Lanyard,  
Silicon case

#### REGULATORY APPROVALS AND COMPLIANCE

Safety: EMC, RF, Laser approvals  
Radio: CE, KCC Marks  
Environmental: RoHS & WEEE compliant