



Bluebird is the manufacturer of Pidion® Products.

# A Whole New Era of Convergence Technology

World First & Biggest Screen of Smart Terminal

Android 4.2.2 & Windows Embedded 8.1 Handheld with One Form Factor

Smart Terminal

# BM180



Android 4.2.2



Windows  
Embedded 8.1 Handheld

# BM180



**2014  
NEW**



**2004**  
BM100

**2005**  
BM150

**2010**  
BM170

**2014**  
BM180 / Android

**2014**  
BM180 / Windows

## The Proactive Evolution

Since 2004, Bluebird has planned, developed, and released the BM Series. Each evolution has been marked with bold and brilliant innovation.



BM170

BM180



## What has been added?

- + 2D Scanner
- + RFID
- + Card Payment
- + Ruggedness
- + SAM Slot



## Convergence Technology

AIDC + Payment  
Voice + Data



MT360



BM180



BP50





Android



Windows Embedded 8.1 Handheld



## FMCG

- Pre-sales
- Direct store delivery
- Route accounting
- Asset management



## Retail

- Productivity improvement (Voice + Data communication)
- Replenishment
- Customer counseling
- Mobile POS
- Hospitality



## Healthcare

- Home nursing
- Point of care
- Clinical-test



## Professional Service

- Work order
- E-Citation
- Asset management
- Location based service

## SPECIFICATIONS

| PERFORMANCE CHARACTERISTICS      |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| CPU                              | Dual Core Processor 1.5GHz                                                                            |
| OS                               | Android 4.2.2,<br>Windows Embedded 8.1 Handheld                                                       |
| MEMORY                           | 1GB RAM/8GB ROM                                                                                       |
| INTERFACE                        | Docking connector; Micro USB                                                                          |
| COMMUNICATION OPTIONS            |                                                                                                       |
| WWAN RADIO                       | Optional, HSPA+/HSPA/UMTS, EDGE/GSM                                                                   |
| WLAN RADIO                       | 802.11 a/b/g/n                                                                                        |
| WPAN RADIO                       | Bluetooth Class II V4.0                                                                               |
| DATA CAPTURE                     |                                                                                                       |
| RFID                             | Optional, ISO14443A & B, ISO 15693                                                                    |
| CAMERA                           | Main(Rear): 8 Mega Pixel Auto Focus Camera with LED Flash;<br>Sub(Front): 1.3 Mega Pixel Front Camera |
| BARCODE SCANNER                  | 2D Imager(1D/2D Barcode)                                                                              |
| PAYMENT OPTIONS                  |                                                                                                       |
| MSR                              | Optional, Integrated Magnetic Stripe Reader (MSR)                                                     |
| CONTACTLESS                      | Optional, MiFare, Felica                                                                              |
| PHYSICAL CHARACTERISTICS         |                                                                                                       |
| DIMENSIONS (W X H X D)           | 77.95 x 152.1 x 16.7mm                                                                                |
| WEIGHT                           | 261g                                                                                                  |
| DISPLAY                          | 5-inch HD Eyelluminate™ Display; 1280 x 720 pixel                                                     |
| STANDARD BATTERY                 | Rechargeable, 3.7V, 3,000mAh, Li-ion                                                                  |
| BACKUP BATTERY                   | Internal Backup Battery for Hot-Swap Function, Li-polymer 55mAh                                       |
| EXPANSION SLOT                   | Customer-accessible MicroSD slot for removable memory cards up to 32G                                 |
| SIM/SAM SLOT                     | 1SIM(WWAN Only) / 1SAM (for Contactless Applications)                                                 |
| AUDIO                            | VoWWAN; VoWLAN; PTT ready;<br>Dual Microphone With Noise Cancellation                                 |
| GPS                              | Integrated A-GPS                                                                                      |
| USER ENVIRONMENT CHARACTERISTICS |                                                                                                       |
| DURABILITY                       | TankSmith™ Technology;<br>1.2m / 4ft drop per MIL-STD 810G; IP67 Sealing                              |
| OPERATING TEMP                   | -20°C to 60°C / -4°F to 140°F                                                                         |
| STORAGE TEMP                     | -25°C to 70°C / -13°F to 158°F                                                                        |
| HUMIDITY                         | 95% non-condensing                                                                                    |

\* Please ask your sales representative for the future-upgradable specs.

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