



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



-  Eyelluminate™ Display
-  IP67 Sealing, 4ft/1.2m Drop
-  3G, 802.11a/b/g/n
-  Datacapture
-  Magstripe
-  Contactless

Android 4.2.2



BM180



2014
NEW

The Proactive Evolution

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



2004 BM100 > 2005 BM150 > 2010 BM170 > 2014 BM180 / Android > 2014 BM180 / Windows



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, 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; 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; Dual Microphone With Noise Cancellation
GPS	Integrated A-GPS
USER ENVIRONMENT CHARACTERISTICS	
DURABILITY	TankSmith™ Technology; 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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Bluebird Inc. (Corporate Headquarters)

SEI Tower 13~14F, 467-14, Dogok-dong, Gangnam-gu, Seoul, Korea (ROK)

Phone. +82.70.7730.8000 Fax. +82.2.6499.2242

Website mypidion.com

