



Bluebird is the manufacturer of Pidion® Products.

# A Whole New Era of Convergence Technology

World First & Biggest Screen of Smart Terminal

Android 4.2 & Windows Embedded 8 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



Windows  
Embedded 8 Handheld

# 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



Eyelluminate™  
Display

## 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 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, Windows Embedded 8 Handheld(Planning)
MEMORY	1GB RAM/8GB ROM (Optional 2GB RAM/16G BROM)
INTERFACE	Docking connector; Micro USB
COMMUNICATION OPTIONS	
WWAN RADIO	Optional, HSPA+/HSPA/UMTS, EDGE/GSM
WLAN RADIO	Optional, 802.11 a/b/g/n
WPAN RADIO	Optional, Bluetooth Class II V4.0
DATA CAPTURE	
RFID	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	Optional, 2D Imager(1D/2D Barcode)
PAYMENT OPTIONS	
MSR	Optional, Integrated Magnetic Stripe Reader (MSR)
CONTACTLESS	MiFare, Felica, Calypso
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
EXTENDED BATTERY	Optional, Rechargeable, 3.7V, 4,500mAh, Li-ion
BACKUP BATTERY	Internal Backup Battery for Hot-Swap Function, Li-polymer 60mAh
EXPANSION SLOT	Customer-accessible MicroSD slot for removable memory cards up to 32G
SIM/SAM SLOT	1 SIM / 1SAM (for Contactless Applications)
AUDIO	VoWWAN; VoWLAN; PTT ready; Dual Microphone With Noise Cancellation
GPS	Integrated AGPS
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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