

# 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





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.





> 2010 BM170

>



**2014** BM180 / Android



**2014**BM180 / Window



BM170



BM180



### What has been added?

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













# Convergence Technology

AIDC + Payment Voice + Data

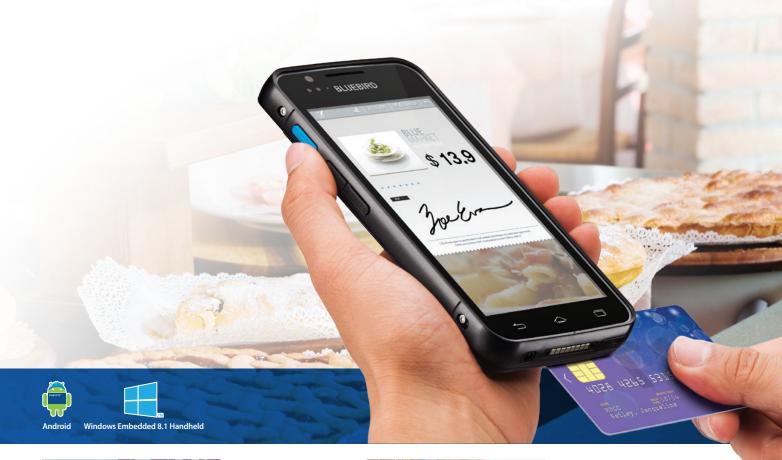




BM180



RP5





#### **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**

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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	Rechargable, 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
HUMIDITIY	95% non-condensing
DI I I I I I I	

<sup>\*</sup> Please ask your sales representative for the future-upgradable specs.

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