

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 BN180



BM180



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



Pipier Ang started phone voicen ail 3.5inch text e-mail calendar correst set

BM170



BM180



What has been added?



- RFID
- Card Payment
- Ruggedness
- SAM Slot



Convergence Technology

AIDC + Payment Voice + Data



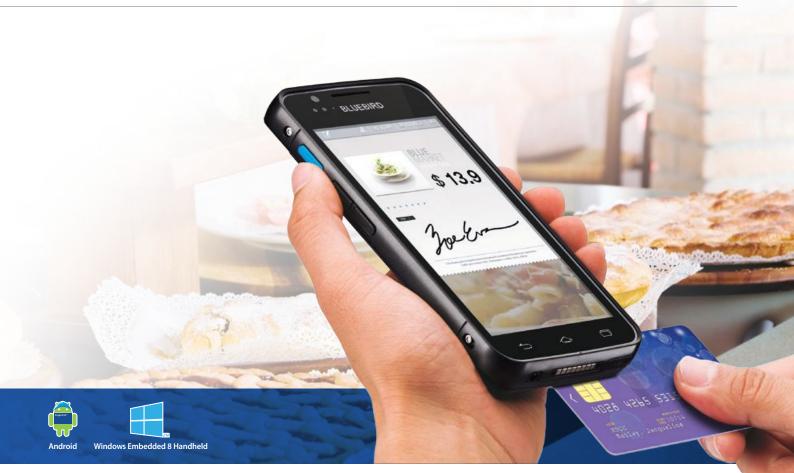


BM180



BP50

Smart Terminal





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 Classs 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	Rechargable, 3.7V, 3,000mAh, Li-ion
EXTENDED BATTERY	Optional, Rechargable, 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
HUMIDITIY	95% non-condensing
* Plassa ask your sales representative for the future-upgradable space	

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

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