SISQUAL
effective team management

# 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






## 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

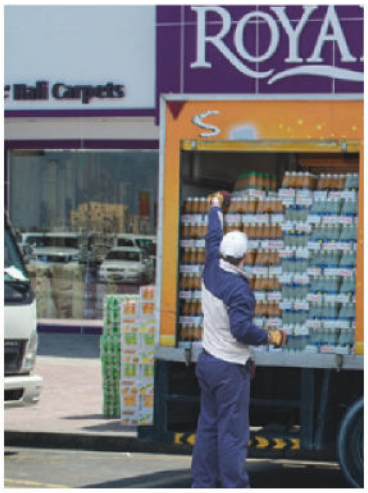


BP50



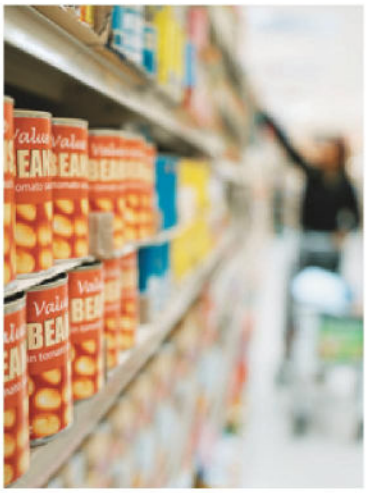

Android

Windows Embedded 8 Handheld



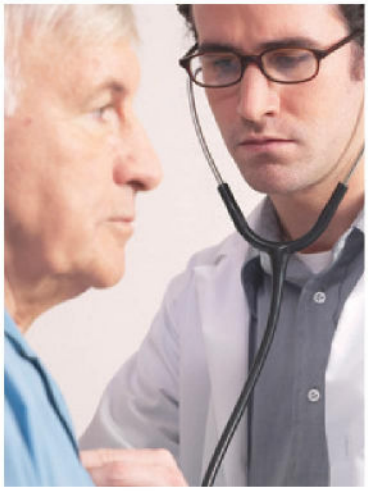

## FMCG

- 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,<br>Windows Embedded 8 Handheld(Planning) |
| MEMORY | 1GB RAM/8GB ROM<br>(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;<br>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;<br>Dual Microphone With Noise Cancellation |
| GPS | Integrated AGPS |
| **USER ENVIRONMENT CHARACTERISTICS** | |
| DURABILITY | TankSmith™ Technology;<br>1.2m / 4ft drop per MIL-STD 810G; IP67 Sealing |
| OPERATING TEMP | -20℃ to 60℃ / -4℉ to 140℉ |
| STORAGE TEMP | -25℃ to 70℃ / -13℉ to 158℉ |
| HUMIDITIY | 95% non-condensing |

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

**Rua Carlos Dubini, 169**
**4150-188 Porto**
**Portugal**
**T. +351 229 397 790 F. +351 229 397 799**
**sisqual@sisqual.com**

**www.sisqual.com**

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