



**BLUEBIRD**

Bluebird is the manufacturer of Pidion® Products.

All at Your Service

# BIP-1300 Series

Transaction Mobile Computer



Enterprise Class  
Durability



• Payment



• RFID



• Data Capture

# BIP-1300 Series

## INDUSTRIES



Retail



Public Transport



Hospitality



Finance

The BIP-1300 Series delivers a comprehensive range of mobile data collection, payment transaction, and receipt printing functionality in a single device for transportation and logistics, retail, and FMCG industries.

## KEY FEATURES & BENEFITS

### All-in-one



#### Thermal Printer, Card Reader, RFID, Barcode Reader, WiFi, WWAN, GPS

The BIP-1300 Series is integrated with 2" thermal printer, MSR, contact and contactless payment (optional) reader, HF RFID reader (optional), 1D Imager / 2D Imager, camera as well as 802.11 b/g, Bluetooth, WWAN, and GPS. This all in one mobile POS suits for retail mobile point of sale, mobile data processing, receipt and invoice printing, mobile ticketing, and DSD route accounting.

### Secure Payment



#### EMV / PCI PED / APACS / Master PayPass / Visa Wave

Complying with the strictest security standards like PCI PED and EMV Certifications, as well as the local security standard such as APACS and CUP, the BIP-1300 Series keeps your personal and transactional data safer than ever. Pay with conventional Credit Cards, IC-Cards, or even contactless payments with a peace of mind.

### Compatibility



#### Windows Mobile or Windows CE

The BIP-1300 Series with Windows Mobile-based operating system makes it easy to install custom applications and access to your work PC. The device allows you to manage real-time information all about work documents, customers, inventory, delivery and much more without any restraints of time or place.

### Ergonomic



#### 3.5 inch Touch Screen, Numeric / QWERTY Keypad

The BIP-1300 Series is compact and fully function-packed device for comfortable operation with one hand. The large 3.5" touch screen enables collecting the digital signature and a built-in camera helps capturing images for proof of condition and more. Additionally, Numeric or QWERTY keypad is available depending on user preference.

# Transaction Mobile Computer



Warehousing



Field Force Automation



Logistics



Government/Public Sector

## APPLICATIONS



Mobile Point of Sale



Ticketing



Tax Collecting



Parking Enforcement



Law Enforcement



DSD



In-flight Sales



Customer Management



Asset Management



Inventory Management

## FEATURES AT GLANCE



Contactless (Payment / NFC)

Receipt Printer

Magstripe

Smartcard

Contactless (ID)



**BIP-1300 / BIP-1300 Premium**

- Chic Metallic Silver Color

**BIP-1300 / BIP-1300 Premium with Contactless Payment / NFC Option**

- Mat Deep Black Color

## SPECIFICATIONS

|   | BIP-1300  | BIP-1300 Premium   |
|---|---|--|
| <b>PHYSICAL CHARACTERISTICS</b>         |   |  |
| DIMENSIONS (W X H X D)                  | 87 (min.74) x 218 x 56.2 (min.29)mm   |  |
| WEIGHT                                  | 502g  | 497g   |
| DISPLAY                                 | 3.5" QVGA with backlight, TFT-LCD, 260K, 240 x 320  |  |
| KEYPAD                                  | Optional, 21-key Numeric; 41-key QWERTY 21-key Numeric  |  |
| STANDARD BATTERY                        | Rechargeable, 3.7V, 4,000mAh, Li-ion  |  |
| EXPANSION SLOT                          | Customer-accessible SD slot   |  |
| SIM/SAM SLOT                            | 1 SIM / 3 SAMs  |  |
| PRINTER                                 | 2" thermal Printer (max. 90mm/sec)  |  |
| AUDIO                                   | Speaker, Headset jack   |  |
| CAMERA                                  | Optional,<br>2 megapixel camera w/ LED Flash  | Optional,<br>2 megapixel camera w/ LED flash;<br>5 megapixel AF camera w/ LED flash;<br>※ Both options are Available w/ Ultra Bright LED flash |
| GPS                                     | Optional, Integrated GPS w/ AGPS and DGPS   |  |
| <b>PERFORMANCE CHARACTERISTICS</b>      |   |  |
| CPU                                     | 520MHz  | 806MHz   |
| OS                                      | Windows Mobile 5.0  | Windows Mobile 6.1 or Windows CE 5.0 (WIN CE 4.2 PRO)  |
| MEMORY                                  | 128MB RAM / 128MB ROM (Optional 256MB)  | 128MB RAM (Optional 256MB) /<br>256MB ROM (Optional 512MB or 1GB)  |
| INTERFACE                               | RS-232C, USB 1.1 Host & Client, Ethernet via cradle   |  |
| <b>USER ENVIRONMENT CHARACTERISTICS</b> |   |  |
| OPERATING TEMP                          | -20°C to 55°C / -4°F to 131°F   |  |
| STORAGE TEMP                            | -30°C to 70°C / -22°F to 158°F  |  |
| HUMIDITY                                | 93% non-condensing  |  |
| DROP SPEC                               | 4ft. / 1.2m drop to steel surface with silicon case, 2drops per 6 sides   |  |
| <b>INTEGRATED RADIO</b>                 |   |  |
| WWAN RADIO                              | Optional, CDMA 1x for Korea SKT, LGT;<br>GSM/GPRS/eGPRS for global  | Optional, HSPA for global; HSDPA for Korea KT;<br>GSM/GPRS/EDGE for global   |
| WLAN RADIO                              | IEEE 802.11b/g  |  |
| WPAN RADIO                              | Bluetooth V2.0+EDR Class II   | Bluetooth V2.1+EDR, Class II   |
| <b>DATA CAPTURE</b>                     |   |  |
| BARCODE SCANNER                         | 1D Laser Class II or<br>1D&2D CMOS Imager   | 1D Linear Imager or<br>1D&2D CMOS Imager   |
| RFID READER                             | Optional, ISO 14443 A/B (MIFARE, Calypso), ISO 15693;<br>ISO 14443 A/B (MIFARE, Calypso), ISO 18092 (NFC), Felica |  |
| <b>TRANSACTION &amp; PAYMENT</b>        |   |  |
| MSR                                     | Bi-directional, Track1,2,3, ISO 7810, ISO 7811, ISO 7813  |  |
| CONTACT PAYMENT                         | EMV Level 1&2, ISO 7816   |  |
| CONTACTLESS PAYMENT                     | Optional, EMV Contactless Level 1 & 2 (Master PayPass, Visa Wave)   |  |
| PIN TRANSACTION                         | Optional, PCI PED 2.0; APACS Common Criteria;<br>GIE CB Approved  | Optional, PBOC Level 1&2, China UnionPay approved  |

\* Please ask your sales representative for the specs not listed above.

\* Units with Contactless Payment & NFC Option stand 87(min.74) x 230 x 62(min.29) mm, and weight 550g.



## ACCESSORIES



\* Accessories above come with product.

BR-F-BIP-1300SERIES-EN-AA014

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