PIDION®
by **Bluebird**

The Industry Standard *!*

BIP-1300 Series
Mobile POS

Handheld • Payment • RFID • Barcode

BIP-1300 Series　　Mobile POS

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, GPRS, 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, GPRS, 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.

Security

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

- MSR : Bi-directional, Track 1,2,3, ISO 7810, ISO 7811, ISO 7813
- Contact Payment : EMV Level 1&2, PBOC Level 1&2, China UnionPay approved, ISO 7816
- Contactless Payment (for BIP-1300Smart) : EMV Contactless Level 1&2
　　　　　　　　　　　　　　　　　　　　　(Master PayPass, Visa Wave)
- RFID Reader : ISO 14443A/B (MIFARE, Calypso), ISO 15693, ISO 18092(NFC), Felica
- PIN Transaction (for BIP-1300Secure) : PCI-PED 2.0 and APACS Common Criteria
　　　　　　　　　　　　　　　　　　　　Approved.

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

The BIP-1300 Series is compact and fully function-packed device for comfor-table operation with one hand. The large 3.5 touch screen enables collecting the digital signature and a 2.0 megapixel camera helps capturing images for proof of condition and more. Additionally, Numeric or QWERTY keypad is available depending on user preference.

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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

BIP-1300Secure

Payment
EMV Level 1&2
PCI PED 2.0
APACS

BIP-1300Premium

CPU
PXA 320, 806MHz

OS
Windows Mobile 6.1 or
Windows CE 5.0

WWAN
GSM/GPRS/eGPRS

Payment
EMV Level 1&2

BIP-1300Smart

CPU
PXA 320, 806MHz

OS
Windows Mobile 6.1 or
Windows CE 5.0

WWAN
GSM/GPRS/eGPRS

Payment
EMV Level 1&2
EMV Contactless Level 1&2
(Master PayPass, Visa Wave), NFC

SPECIFICATIONS

	BIP-1300 Secure	BIP-1300 Premium	BIP-1300 Smart
PHYSICAL CHARACTERISTICS			
DIMENSIONS (W X H X D)	87 (min.74) x 218 x 56.2 (min.29)mm / 3.4 (min.2.9) x 8.6 x 2.2 (min 1.1) inch		87 (min.74) x 230 x 62 (min.29) mm 3.4 (min.2.9) x 9 x 2.4 (min 1.1) inch
WEIGHT	Excluding battery: 412g Including battery: 502g	Excluding battery: 407g Including battery: 497g	Excluding battery: 460g Including battery: 550g
DISPLAY	3.5" QVGA with backlight, TFT-LCD, 260K, 240 x 320		
KEYPAD	21-key Numeric / 41-key QWERTY		21-key Numeric
STANDARD BATTERY	Rechargeable, 3.7V, 4,000mAh, Li-ion		
EXPANSION SLOT	Customer-accessible SD slot for removable memory cards up to 2G		
SIM/SAM SLOT	1 SIM / 3 SAMs		
PRINTER	2" thermal Printer (max. 90mm/sec)		
AUDIO	Speaker, Headset jack		
CAMERA	2 megapixel color camera	2 megapixel color camera with LED flash / Ultra bright LED flash (optional)	
GPS (optional)	Integrated GPS with AGPS and DGPS		
PERFORMANCE CHARACTERISTICS			
CPU	PXA 270, 520MHz	PXA 320, 806MHz	PXA 270, 520MHz or PXA 320, 806MHz
OS	Windows Mobile 5.0	Windows Mobile 6.1 or Windows CE 5.0	
MEMORY	128MB RAM / 128MB ROM (optional 256MB)	128MB RAM (optional 256MB) / 256MB ROM (optional 512MB or 1GB)	
INTERFACE	RS-232C, USB 1.1 Host & Client, Ethernet via cradle		
USER ENVIRONMENT CHARACTERISTICS			
OPERATING TEMP	-20℃ to 55℃ / -4℉ to 131℉		
STORAGE TEMP	-30℃ to 70℃ / -22℉ to 158℉		
HUMIDITY	93% non-condensing		
DROP SPEC	4ft. / 1.2m drop to steel surface with silicon case, 2drops per 6 sides		
INTEGRATED RADIO			
WWAN RADIO	GSM / GPRS / eGPRS (850, 900, 1800, 1900MHz)		
WLAN RADIO	IEEE 802.11b/g		
WPAN RADIO	Bluetooth V2.0+EDR, Class II	Bluetooth V2.1+EDR, Class II	
DATA CAPTURE			
BARCODE SCANNER	1D&PDF417 Laser Class II or 1D&2D CMOS Imager (HD optional)	1D&PDF417 Linear Imager or 1D&2D CMOS Imager (HD optional)	
RFID READER (optional)	ISO 14443 A/B (MIFARE, Calypso), ISO 15693		ISO 14443 A/B (MIFARE, Calypso), ISO 18092 (NFC), Felica
TRANSACTION & PAYMENT			
MSR	Bi-directional, Track1,2,3, ISO 7810, ISO 7811, ISO 7813		
CONTACT PAYMENT	EMV Level 1&2, PBOC Level 1&2, China UnionPay approved, ISO 7816	EMV Level 1&2, ISO 7816	
CONTACTLESS PAYMENT	-	-	EMV Contactless Level 1&2 (Master PayPass, Visa Wave)
PIN TRANSACTION	PCI PED 2.0, APACS Common Criteria, GIE CB Approved	-	-

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

ACCESSORIES

Cradle	Battery	Protection Film	Adapter	Power Cable	USB Cable	Stylus Pen

* Accessories above come with product.

Bluebird

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