PIDION®
by Bluebird

Rugged All-in-one Handheld Computer
BIP-1500 Series

Handheld • Payment • RFID • Barcode

BIP-1500 Series

INDUSTRIES

Retail

Public Transport

Hospitality

Finance

The rugged all-in-one handheld computer, BIP-1500 Series, is designed to meet growing demands between enterprise mobility (AIDC) and payment industries for 2" or 3" thermal printer options, multiple data collection options including built-in RFID reader, and versatile payment options such as MSR, contact payment, contactless payment, PIN transaction, and fingerprint reader.

KEY FEATURES & BENEFITS

Smart Choice

2" or 3" Thermal Printer, RFID, Barcode Reader, Card Reader, Finger Scan, Pin Pad

The dual-sided BIP-1500 Series design is capable of multiple combinations, providing more choices of hardware platform as per each business need. In terms of mobile data collection, it offers 1D laser scanner or 2D CMOS imager, RFID reader, and 3 megapixel auto-focus camera. It has a built-in thermal printer option of 2" or 3" width, and a standard battery with 3 different payment types - Payment, Finger Scan, or PIN Pad — or an extended battery option without payment.

Easy to Carry, All-in-one

PCI PTS 3.0 / EMV Level 1&2

The BIP-1500 Series is a printer-integrated rugged handheld computer. This all-in-one package is eliminating the inconvenience of when field force is using both handheld computer and a mobile printer together. This handy package helps reduce the force's fatigue during carrying, operating, and even charging.

Rugged Integration

IP54 / 1.5m Drop

The BIP-1500 Series is designed with long-year experience in rugged handheld computer. This Series including integrated thermal printer and payment options is built to withstand harsh environments both inside and outside the four walls. It meets IP54 sealing requirements and withstands 12 drops at 1.5m to steel surface.

User-friendly

Windows Mobile 6.5, HSDPA, WiFi, Bluetooth, GPS

The BIP-1500 Series with Windows Mobile-based operating system makes it easy to install custom applications and is compatible with back office computer. This WiFi and Bluetooth equipped handheld computer with HSPDA or GSM options enables enterprises and governments to stay connected with their field workers in real-time. It also supports 2 SIM and 4 SAM card slots to meet business demands.

Rugged All-in-one Handheld 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 |

CPU
PXA 320, 806MHz

Memory
256MB RAM
512MB ROM (optional 1GB)

Camera
3 megapixel, Autofocus, Flash

1D Barcode & PDF 417
Laser Class II

2D Barcode
CMOS Imager (optional HD)

Battery
Standard, 7.4V, 2,000mAh, Li-ion
Extended, 7.4V, 3,000mAh, Li-ion

GPS
Integrated AGPS & DGPS

Bluetooth
Bluetooth V 2.1+EDR

Printer
2" or 3" Thermal Printer

Extended Battery

MSR +Contact +Contactless

PCI Compliance PIN pad

FRONT

MSR +Contact +Contactless

Fingerprint Scanner

MSR +Contact +Contactless

Extended Battery

PIN Pad

Finger Scan

Payment (Handheld)

SPECIFICATIONS

Extended Battery	PIN Pad	Finger Scan	PAYMENT (Handheld)

Battery
Extended, 7.4V, 3,000mAh
(6,000 mAh in terms of 3.7V), Li-ion
	Battery
	Standard, 7.4V, 2,000mAh
	(4,000 mAh in terms of 3.7V), Li-ion
	
	Display
	2", FSTN, 128 x 16
	
	Keypad
	16-key Numeric
	
	Payment Options
	MSR
	IC Card Reader
	  -Contact (EMV Level 1&2, ISO 7816)
	  -Contactless
	  (ISO 14443 A/B, ISO 15693 or
	  ISO 14443 A/B, ISO 18092)
	  PIN Transaction (PCI PTS 3.0
	  Compliance)
		Battery
		Standard, 7.4V, 2,000mAh
		(4,000 mAh in terms of 3.7V), Li-ion
		
		Payment Options
		MSR
		IC Card Reader
		  -Contact (EMV Level 1&2, ISO 7816)
		  -Contactless
		  (ISO 14443 A/B, ISO 15693 or
		  ISO 14443 A/B, ISO 18092)
		
		Fingerprint Scanner
		512 DPI
		14.6 x 18.1 mm / 0.5 x 0.7 inch.
			Battery
			Standard, 7.4V, 2,000mAh
			(4,000 mAh in terms of 3.7V), Li-ion
			
			Payment Options
			MSR
			IC Card Reader
			  -Contact (EMV Level 1&2, ISO 7816)
			  -Contactless
			  (ISO 14443 A/B, ISO 15693 or
			  ISO 14443 A/B, ISO 18092)

Thermal Printer Options 2" (25mm diameter, max. 90mm/sec) 3" (50mm diameter, max. 60mm/sec) **Display Options** 3.5" Color QVGA or VGA **Keypad Options** 25-key Numeric or 42-key QWERTY **Camera** 3 megapixel autofocus	**GPS** Integrated GPS **SIM/SAM Slot** 2 SIM, 4 SAM Slots **Memory** 256MB RAM 512MB ROM (optional 1GB) **CPU** PXA 320, 806MHz	**OS** Windows Mobile 6.5 **Drop Spec** 1.5m (5 ft.) **Rain/Dust Protection** IP54	**Radio Options** GSM /GPRS/eGPRS/UMTS/HSDPA or CDMA (Korea. *Contact your sales representative about the availability in other countries.) 802.11 b/g or 802.11 a/b/g Bluetooth Class II V2.1 + EDR **Barcode Scanner Options** 1D laser, 2D imager, or HD imager

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

KC CE FC Windows Mobile Bluetooth® Wi-Fi CERTIFIED RoHS COMPLIANT

ACCESSORIES

Battery   Protection Film   Stylus Pen

* Accessories above come with product.