Rugged Handheld Computer

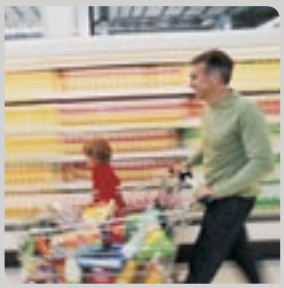
BIP-6000

pidion

Empowering Mobility

BIP-6000

INDUSTRIES


Retail

Public Transport

Hospitality

Healthcare

Finance

KEY FEATURES & BENEFITS

Ultimate Form Factor

IP65, 1.8m Drop, MIL-STD 810F

BIP-6000 allows working without any restraints of harsh work environment. It meets IP65 sealing requirements, withstands 12 drops at 1.8 m to steel surface and operates in a temperature range of -30℃ to 60℃. In addition, powerful 4,400mAh battery ensures continuous operation for a full day.

Revolutionary Integration

RFID Reader, Barcode Scanner, 3MP Camera

BIP-6000 gives an ability to manage more data faster. Integrated RFID Reader and 1D/2D Barcode Scanner enable versatile data capture in a single device. Moreover, 3.0 megapixel autofocus camera with flash supports snapping sharper images from a short distance and under dim light.

Latest Technologies

806MHz PXA 320, Windows Mobile 6.1

BIP-6000 features the full range of latest technologies. 806MHz processor and Windows Mobile 6.1 operating system deliver maximum computing power with easy operation and system integration capability. It supports large memory capacity with 256MB RAM 512MB ROM and MicroSD slot.

Flexible Communications

HSDPA, WiFi, Bluetooth, A-GPS

BIP-6000 provides accuracy and speed data capability for improving work efficiency and flexibility. HSDPA, WiFi and Bluetooth enable real-time communications between mobile workers and head office. An integrated A-GPS allows tracking user position and streamlining route plan.

Outstanding Ergonomics

3.5" VGA, TouchWindow LCD, Numeric/QWERTY

The large 3.5" VGA display gives visual and tactile enhancement. Moreover, the crack-resistant TouchWindow LCD supports substantial protection for the touch sensitive display. Additionally, Numeric/QWERTY keypad with backlight enables easy and precise typing in any light level.

Warehousing

Field Force Automation

Logistics

Construction

Government/Public Sector

APPLICATIONS

Parcel Delivery | Meter Reading | Public Safety | Patient/Pharm Tracking | Work Order Tracking | Fleet Management | Customer Management | Asset Management | Inventory Management | Facility Management

1D Barcode & PDF417
Laser Class II

2D Barcode
CMOS Imager

RFID
RFID Reader

GPS
Integrated A-GPS

Camera
3.0 megapixel,
Autofocus, Flash

CPU
PXA 320, 806MHz

Memory
256 RAM / 512 ROM

Battery
3.7V, 4,400mAh, Li-ion

Bluetooth
Bluetooth Class II V 2.0+EDR

BIP-6000

SPECIFICATIONS

PHYSICAL CHARACTERISTICS	
DIMENSIONS (W x H x D)	80 x 160 x 35.5mm / 3.1 x 6.9 x 1.4 inch
WEIGHT	Including battery: 407g
DISPLAY	3.5" VGA with backlight, TFT TouchWindow LCD, 260K, 480 x 640 3.5" QVGA with backlight, TFT TouchWindow LCD, 260K, 240 x 320
TOUCH PANEL	Analog resistance type
KEYPAD	Numeric / QWERTY
BATTERY	Rechargeable, 3.7V, 4,400mAh, Li-ion
EXPANSION SLOT	Customer-accessible MicroSD slot for removable memory card up to 8G
SIM/SAM SLOT	1SIM / 1SAM
AUDIO	High Volume speakers, Headset jack
CAMERA	3 megapixel autofocus camera with LED flash / Ultra bright LED flash (optional)
GPS	Integrated GPS with Network Independent A-GPS
PERFORMANCE CHARACTERISTICS	
CPU	PXA 320, 806MHz
OS	Windows Mobile 6.1 / Windows CE 6.0
MEMORY	256MB RAM / 512MB ROM
INTERFACE	RS-232C, USB 1.1 Host and 2.0 (full-speed) Client, Ethernet via cradle
USER ENVIRONMENT CHARACTERISTICS	
OPERATING TEMP	-30℃ to 60℃ / -22˚F to 140˚F, MIL-STD 810F, Method 501.4, Procedure II, Method 502.4, Procedure I,II&III
STORAGE TEMP	-40℃ to 70℃ / -40˚F to 158˚F, MIL-STD 810F, Method 501.4, Procedure I, Method 502.4, Procedure I,II&III
TEMP SHOCK	MIL-STD 810F, Method 503.4, Procedure I (-35℃/65℃)
HUMIDITY	95% non-condensing; meets and exceeds MIL-STD 810F, Method 507.4, 90%RH temp cycle 0°C/70°C
DROP	6ft./1.8m drop to steel surface, 2 drops per 6 sides; meets and exceeds MIL-STD 810F
SAND AND DUST	IP65, MIL-STD 810F, Method 510.4, Procedures I&II, KWF-test certified
WATER	IP65, MIL-STD 810F, Method 516.5, Procedure IV, KWF-test certified
VIBRATION	MIL-STD 810F, Method 514.5, Procedure I&II
ALTITUDE	MIL-STD 810F, Method 500.4, Procedure I,II&III, 15,000 ft at 23℃/73˚F
INTEGRATED RADIO	
WWAN RADIO	GSM / HSDPA (850, 900, 1800, 1900, 2100 MHz)
WLAN RADIO	IEEE 802.11b/g
WPAN RADIO	Bluetooth Class II V2.0+EDR, IrDA 1.2
DATA CAPTURE	
BARCODE SCANNER	1D&PDF417 Laser Class II or 1D&2D CMOS Imager
RFID READER	Intergrated RFID, ISO 14443 A/B (MIFARE, Calypso), ISO 15693

ACCESSORIES

Cradle | Battery | Protection Film | Adapter | Adapter Connector | USB Cable | Stylus Pen | Tether

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