

pidion

BIP-5000 |

"The business in your hand"

• BIP-5000

**Mobile computer Slim but rugged and powerful**

- Minimum-sized mobile computer integrated with a barcode scanner, a camera.
- User selectable CMOS and Laser type(1D & 2D) barcode scanner
- Complies with the IP54 sealing rating for dust and splash resistance.
- Withstands 5ft(1.5m) drop test.
- Powered by an 400MHz Intel® PXA270 520MHz processor, with Windows CE 5.0 OS.
- Features a choice of WLAN, GSM/GPRS.
- Bluetooth, RS-232C, Mini SD Slot, IrDA are supported for extensive functions



- Industrial
- Warehousing
- Manufacturing
- Transportation
- Logistics
- Field Service

<http://www.mypidion.com>

MIC FCC CE Bluetooth

## BIP-5000 Specification

### Physical Characteristics

DIMENSIONS	75mm (W) x 149mm(L) x 26.15mm (H)
WEIGHT(WITH BATTERY)	296g (Laser type)/ 300g (CMOS type)
DISPLAY	3.5inch TFT LCD 240x320 pixel 260,000 color
BACKLIGHT	LED Backlight
MAIN BATTERY	2000mAh Rechargeable Lithium Polymer / WLAN on time: more than 13hrs /Stand-by time : more than 15hrs
BACKUP BATTERY	Lithium battery (rechargeable),30mAh(3.0V)

### Performance Characteristics

CPU	Intel® PXA270 520MHz processor
OPERATING PLATFORM	Window CE 5.0 (English/Traditional Chinese/Simplified Chinese/Thai/Spain)
MEMORY	64MB RAM(128MB optional) / 128MB ROM
COMMUNICATIONS	Interface: Mobile computer (IrDA 1.2 / Mini SD Slot / Bluetooth Class 2) Cradle (RS-232C port / USB 1.1 Client ) WLAN: IEEE 802.11b CDMA: CDMA2000 1X (Korea domestic) GSM/GPRS:E-GSM 900, DCS 1800, PCS 1900 (Available from November, 2005)
ANTENNA	Internal: Bluetooth / External: WLAN, GSM
AUDIO	Speaker & Mic Integrated Headset jack
CAMERA	2M pixel camera, Flash (laser type only)
NOTIFICATION	LED, Beeper
BARCODE ENGINE	CMOS type Barcode (1D, 2D, image) Laser type Barcode (SE923Int-1D & SE923HS-PDF417 2D)
LED DISPLAY	Upper left side (Green and Red)
CAMERA TRIGGER	Right (User-definable)
SCAN TRIGGER	Left (User-definable)

### Environmental

OPERATING TEMPERATURE	4° to 122° F/ -20° to 50°C (or better depending on the application)
ENVIRONMENTAL SEALING	IP 54
HUMIDITY	5% to 90% relative humidity (noncondensing)
DROP SPECIFICATION	12 times drop to 1.5m concrete

### Wireless Data Communications

WLAN STANDARDS	IEEE 802 Part 11b (802.11b)
ANTENNA CONNECTOR	One antenna connector, no diversity supported
DATA RATES	1,2,5.5,11 Mbps (802.11b HR)
MEDIUM ACCESS PROTOCOL	CSMA/CA(Collision Avoidance)with ACK
FREQUENCY BAND	2,412~2,484 GHz
SELECTABLE CHANNELS	14 Channels
MODULATION	DSSS (Direct Sequence Spread Spectrum), DBPSK, DQPSK, CCK
SUPPORTED RATES	1,2,5.5,11 Mbps
MAXIMUM RECEIVE LEVEL	3dbm
RECEIVE SENSITIVITY	-84dBm
OUTPUT POWER	16dBm +/- 2 dBm
ANTENNA	2.4GHz frequency (WLAN) 800MHz frequency (CDMA-SKT) (Korea domestic) 1.8GHz frequency (CDMA-LGT) (Korea domestic)
BLUETOOTH	Bluetooth v1.1 and v1.2 specification compliant

### Peripherals and Accessories

BATTERY	2000mAh Rechargeable Lithium-ion
CRADLE	1 Slot Serial charge cradle with spare battery / 4 slot cradle
ADAPTER	Used under 100~250V / DC+5V/2.5A output power
PROTECTION FILM	Protects sensitive TFT-LCD window from scratches and scars
OTHERS	GPS, Vehicle charging cradle, vehicle charger, PGO + RFID, USB cable jack, eather case, stylus with string

