

Experience the Simplicity

BI-300



pibion

BI-300

INDUSTRIES



Retail



Public Transport



Healthcare



Warehousing

KEY FEATURES & BENIFITS

Functionality



1D Barcode, Bluetooth

BI-300 packed with most compact, most lightweight Bluetooth Barcode Scanner is a necessity for all business featuring mobility. You can simplify your complicated business with this wireless scanner without hand-carrying a heavy terminal unit.

Rugged



IP30, 1.5m Drop, -5°C to 40°C

BI-300 is built to withstand harsh work environments.

- Rated IP30 for protection against dust
- Withstand multiple 1.5m drops to concrete
- Operate in a temperature range of -5°C to 40°C

Flexibility



Linux, 32MB Memory

BI-300 is Linux driven and implements Bluetooth wireless connectivity or a USB data cable. The device can be interlocked with various Pidion terminals, mobile computing equipments and work PC. Its storage capacity is 300,000 barcode data in 32MB memory offered as a standard.

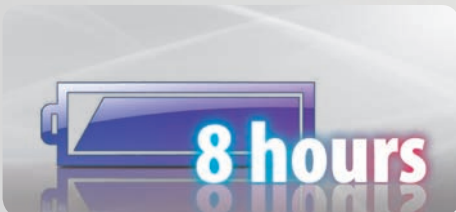
Ergonomic



Two Button, LED Display

- Scan and cancel button provide simple and easy operation.
- LEDs and audible beep indicate data collection, Bluetooth and battery status.
- Sleek, compact and hand-held device grants you easy control of your work.

Longevity



720mAh Li-ion Battery

The long lasting 720mAh Li-ion battery provides over 15,000 scans and lasts up to 8 hours straight per full charge. There is no more troublesomeness to change batteries frequently unlike mercury batteries powered scanners.



Field Force Automation



Logistics



Construction



Government/Public Sector

APPLICATIONS

Ticket Checking	Baggage Claim	Parcel Delivery	Meter Reading	Patient/Pharm Tracking	Document Tracking	Customer Management	Asset Management	Inventory Management	Facility Management

- Data Capture**
Laser Class II
- USB**
USB 1.1 Client
- Bluetooth**
Bluetooth Class II V 1.2
- Battery**
3.7V, 720mAh, Li-ion
- CPU**
S3C2440A40, 400MHz
- Memory**
16MB RAM 32MB ROM

BI-300

SPECIFICATIONS

PHYSICAL CHARACTERISTICS	
DIMENSIONS (W x H x D)	36 x 85 x 19 mm / 1.4 x 3.3 x 0.7 inch
WEIGHT	Excluding battery: 38g / Including standard battery: 54g
NOTIFICATION	LED flash, Beep sound
INPUT	Scan, Cancel, Power button
STANDARD BATTERY	Rechargeable, 3.7V, 720mAh, Li-ion (15,000 scans per charge)
PERFORMANCE CHARACTERISTICS	
CPU	S3C2440A40, 400MHz
OS	Linux
MEMORY	16MB RAM / 32MB ROM (storage capacity: 300,000 data)
INTERFACE	RS-232C, USB 1.1 Client
USER ENVIRONMENT CHARACTERISTICS	
OPERATING TEMP	-5°C to 40°C / 23°F to 104°F
STORAGE TEMP	-30°C to 70°C / -22°F to 158°F
HUMIDITY	93% non-condensing
DROP SPEC	5 ft./1.5m drop to steel surface, 2 drops per 6 sides
RAIN/DUST PROTECTION	IP30
INTEGRATED RADIO	
WPAN RADIO	Bluetooth Class II V1.2
DATA CAPTURE	
TYPE	1D&PDF417 Laser Class II / 1D&2D CMOS Imager (optional)
OPTICAL RESOLUTION	– 0.004 in. minimum element width
ROLL	±35° from vertical
PITCH ANGLE	±65° from normal
SKEW TOLERANCE	±50° from normal
AMBIENT LIGHT	10,000 candles
SCAN RATE	104 (+/- 12) scans/sec (bi-directional)
SCAN ANGLE	47°±3° default / 35° ±3° reduced



ACCESSORIES



Charger

USB Cable

Neck Strap

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Update: December 2008