

Experience the Simplicity

# BI-300



pidion

# 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



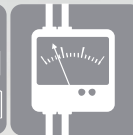
Ticket Checking



Baggage Claim



Parcel Delivery



Meter Reading



Patient/Pharm  
Tracking



Document  
Tracking



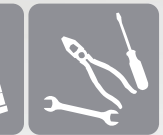
Customer  
Management



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                             |



Bluetooth®

## ACCESSORIES



Charger

USB Cable

Neck Strap

# Bluebird

558-5, Sinsa-dong, Kangnam-gu, Seoul, Korea (ROK)

T. +82. 70.7730.8000 F. +82. 2.548.0870

[www.mypidion.com](http://www.mypidion.com) [www.bluebird.co.kr](http://www.bluebird.co.kr)

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