

# IMPACT

by Honeywell

## IHS320BT

# WIRELESS 2D BARCODE SCANNER



### PRODUCT FEATURES

- Memory chip can store max 35000 barcodes (EAN13).
- Long wireless range up to 30-50m in open yard.
- Compatible with Android and IOS devices.
- Can use as wired barcode scanner through charging cable.

### SPECIFICATION

|                         |   |
|-------------------------|---|
| Model                   | IHS320BT  |
| Light Sources           | 617nm LED Aimer, White LED  |
| Supported Symbolologies | 1D: EAN-13, EAN-8, UPC-A, UCC/EAN-128, UPC-E0, UPC-E1, Code 128, Code 39, Code 93, Codabar, Interleave 2 of 5, Industrial 25, Matrix 2 of 5, Code11, MSI-Plessey, RSS-14, limited RSS, extended RSS, ISBN-13, GS1 Databar<br>2D: QR Code, Data Matrix, PDF417, Micro QR |
| Resolution              | 640x480   |
| Scan Method             | Manual/Continuous/Automatic inductive scanning  |
| Scan Angle              | Yaw 65°, Rotation 360°, Pitch 55°   |
| Precision               | 1D: ≥5 mil                      2D: ≥10 mil   |
| Contrast                | 20%   |
| Depth of scan field     | EAN13 50-200mm(13mil);<br>QR 25-240mm(20mil);   |
| Error Rate              | Less than 1/5million  |
| Interface               | USB-HID   |
| Wireless Communication  | Pairing dedicated receiver: 2.4G communication<br>Pairing Mobile Bluetooth Devices: Bluetooth BLE 4.0   |

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|                       |   |
|-----------------------|---|
| Transmission Distance | 30-50 Mtr. (Open yard)  |
| Storage Mode          | Offline Storage Mode: When the scanner exits the connection range, the data is automatically stored. Storage capacity is 512000 characters.<br>Inventory storage mode: Scanner can enter inventory mode, storage capacity is 512000 characters. |
| Pairing Mode          | One to One: One Scanning Gun Pairs One Receiver,<br>One scanner paired with a Bluetooth mobile device.  |

## PHYSICAL PARAMETERS

|              |                        |
|--------------|------------------------|
| Dimensions   | 79.7 mm x69 mm x155 mm |
| Weight       | 223.9g                 |
| Material     | PC+ABS                 |
| Cable Length | 1.2M                   |

## ENVIRONMENTAL PARAMETERS

|                       |  |
|-----------------------|--|
| Operating Temperature | -20°C - 50°C   |
| Storage Temperature   | -40°C - 70°C   |
| Relative Humidity     | 5% ~ 95% RH (Non-condensing)                           |
| Ambient lighting      | 0 ~ 100000LUX  |
| Drop/Shock Resistance | Withstands multiple times 1.5 meters drops to concrete |

## ELECTRICAL PARAMETERS

|                      |   |
|----------------------|---|
| Voltage              | DC 5V ± 5%  |
| Operating Current    | When not scanning code ≥26mA; when scanning code ≥280mA |
| Standby Current      | 0mA (Standby is to cut off battery power)               |
| Charging Mode        | Contact the charging                                    |
| Battery Working Time | 7h  |
| Charging Time        | 5h  |
| Lithium battery      | 2200mA  |
| Charging Model       | Square USB charging cable, plug straight charge         |

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## Annapurna Technologies Inc

No48/2,2nd Floor,48,Rashtriya Vidyalaya Rd,Basavanagudi,Bengaluru,Karnataka 560004

SalesInquiries: +91-9945003176 | Technical Support : +91-9945605979

www.annatechinc.com | Email : srinivas@annatechinc.com

Landline : +91-80-42012469/43791614/29903013

Centrix-2869/1113

<https://www.indiamart.com/annapurnatechnologiesinc/>