

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 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); QR 25-240mm(20mil);	
Error Rate	Less than 1/5million	
Interface	USB-HID	
Wireless Communication	Pairing dedicated receiver: 2.4G communication Pairing Mobile Bluetooth Devices: Bluetooth BLE 4.0	

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. Inventory storage mode: Scanner can enter inventory mode, storage capacity is 512000 characters.
Pairing Mode	One to One: One Scanning Gun Pairs One Receiver, 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