

# BD-6530BT ESD

Bluetooth 2D Imager ESD Scanner

Economical

Excellent Performance

Rugged Durability

Precision



## High Performance ESD Wireless 2D Scanner

BD-6530BT ESD delivers aggressive scan performance on linear barcodes and area imaging codes. It's ergonomic design and available with USB-KB, USB-COM, RS-232 and HID-USB interface.

The advanced imager reads 1D and 2D barcodes displayed on a screen or printed on a label faster and farther than other standard range scanners.

BD-6530BT ESD is additionally designed to satisfy the stringent requirements of cleanrooms and static-safe manufacturing environments.

It's integrated BT 4.2 module which can connect with device directly or transmit data via cradle. The designed cradle is a battery charger, a holder and the data receiver.



640(H) x 480(V) pixels

4 mil resolution

BT 4.2 wireless

Reading 1D & 2D codes

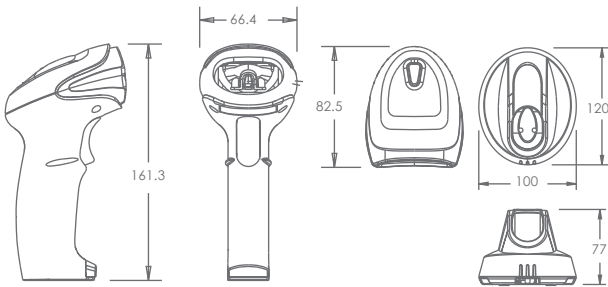
Static safe

# BD-6530BT

Wireless Area Imaging Scanner

Dimensions

Unit: mm



Typical Performance	
Narrow Width	Depth of Field
Code 39	4 mil 40 mm – 90 mm
PDF417	7 mil 40 mm – 100 mm
DataMatrix	10 mil 40 mm – 140 mm
QR Code	10 mil 35 mm – 100 mm
Resolution: 1D 4 mil , 2D 6.67mil Performance may be impacted by bar code quality and environmental conditions	

General	
Interface	USB-KB / USB-COM / RS-232 / HID-USB
Barcodes Supported (1D)	All UPC/EAN/JAN, Code 39, Code 39 full ASCII, Code 32 /Italian Pharmacode, Code 128, CODABAR, Interleaved 2 of 5, MSI, Code 93, GS1 DataBAR 14, GS1 DataBar Expanded, GS1 Expanded Stacked, GS1 Data Bar Limited, GS1 Composite Component A/B/C
Barcodes Supported (2D)	PDF417, Micro PDF417, DataMatrix, QR Code, Micro QR Code, Aztec, Maxicode
Communication	
RF Standard	Bluetooth 4.2
Working Distance	80M (Open environment)
Optical	
Optical Sensor	640(H) x 480 (V) Pixels
Light Source	Red LED (610nm) / White LED 6000 – 6500K
Resolution	4 mil (Code 39), 6.67 mil (DataMatrix)
Depth of Field	55 – 170 mm (13Mil)
Scan Rate	120 fps
PCS	30%
Indicator	Beeper , LED , Vibration
Electrical	
Voltage	DC 3.3V ± 5%
Scanning Currents	< 350 mA
Standby Currents	<100 mA
Environment	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	10% - 95% RH (Non-condensing)
Storage Humidity	10% - 85% RH (Non-condensing)
Drop	1.5m drops
Light Levels	100,000 lux
Physical	
Weight	Scanner: 189g , Cradle: 119g
Dimensions (L x W x H)	Scanner: 82.5mm x 66.4mm x 161.3mm Cradle: 120mm x 100mm x 77mm
Housing Material	ABS ESD plastic withstands ESD up to 10 <sup>5</sup> - 10 <sup>9</sup> ohms per square
Warranty	1 year
Certificate	CE / FCC
Battery	
Battery Type	Rechargeable Li-ion battery: 2600mAh
Number of Scan	50,000 scans (full charge , 1 scan / 1 sec.)
Charge	By cradle charge
Time of Charge	About 5 hours

V1-211100 This information is subject to change without prior notice.