

BD-6530-ESD

Area Imaging
ESD Scanner

- Functional
- Reliable
- Economical
- Handheld



Economical High Performance

BD-6530-ESD delivers aggressive scan performance on all linear barcodes and 2D codes. It provides fast and reliable scanning performance. It's ergonomic design and available with multiple interfaces that can simply change interface by replacing cable.

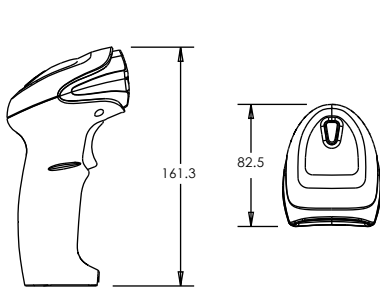
The BD-6530-ESD (Electrostatic discharge) imager is a high-performance device but additional designed to satisfy the stringent requirements of cleanrooms and static-safe manufacturing environments.



BD-6530-ESD

Area Imaging ESD Scanner

Dimensions



Unit: mm

Typical Performance	
Narrow Width	Depth of Field
Code 39	4 mil 27 mm – 151 mm
PDF417	8.4 mil 85 mm – 110 mm
DataMatrix	10 mil 70 mm – 140 mm
QR Code	8.4 mil 85 mm – 110 mm
Resolution: 3 mil Performance may be impacted by bar code quality and environmental conditions	

General

Interface	USB-B / USB-COM / RS-232
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

Optical

Optical System	640(H) x 480 (V) pixels
Light Source	Aiming 610nm red LED + Illumination 6000-6500k white LED
Resolution	3 mil (Code 39), 6.67 mil (DataMatrix)
Frame Rate	120 FPS
Field of View	Horizontal: 28°; Vertical: 36°
PCS	30%
Indicator	Beeper and LED

Electrical

Voltage	DC 5V ± 5%
Scanning Currents	130 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% - 95% RH (Non-condensing)
Drop	1.5m drops
Light Levels	100,000 lux

Physical

Weight	145g(w/cable)
Dimensions	161.3mm (L) x 66.4mm (W) x 82.5mm (H)
Housing Material	ABS ESD plastic withstands ESD up to 10^5 - 10^9 ohms per square
Cable	Length: 5ft (150cm) / USB Type: A or C, RS-232
Warranty	1 year
Certificate	CE / FCC / BSMI