

BD-9500HD-ESD

High Density Area Imaging

ESD Scanner

Economical

Excellent Performance

Rugged Durability

Precision



Enhanced performance for small label on IT components with competitive cost

The BD-9500HD-ESD High Density 2D Imager ESD Scanner is specifically designed to meet the stringent requirements of cleanrooms and static-safe manufacturing environments. It is manufactured using an internal mixed process with an antistatic agent to ensure protection. Both the scanner and its cable comply with the standards for ESD-protected areas and can withstand ESD up to $10^5 - 10^9$ ohms per square.



1280 x 800
pixels

60
FPS

3 mil
resolution

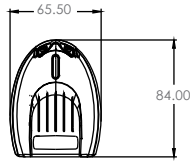
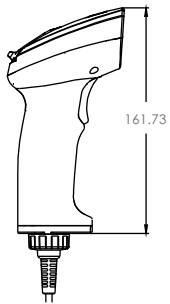
IP
54

Lux
100,000

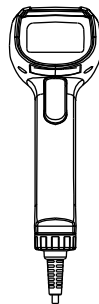
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High Density Area Imaging ESD Scanner

Dimensions



Unit: mm



Typical Performance	
Narrow Width	Depth of Field
Code 39	3 mil 50 mm – 90 mm
EAN 13	13 mil 30 mm – 300 mm
QR Code	5 mil 40 mm – 60 mm
QR Code	10 mil 30 mm – 160 mm
Data Matrix	5 mil 40 mm – 80 mm
Data Matrix	20 mil 30 mm – 330 mm

Resolution: 3 mil
Performance may be impacted by bar code quality and environmental conditions

General	
Interface	USB-KB / USB-COM / RS-232
Barcodes supported (1D)	UPC-A, UPC-E, EAN-13, EAN-8, Code 128, GS1-128, Code-39, Code-32, Code-93, Pharmacode Codabar/NW7, MSI, Interleaved 2 of 5, GS1 DataBar-14, GS1 DataBar Stacked, GS1 DataBar Limited GS1 DataBar Expanded, GS1 DataBar Expanded Stacked, Composite Component A / B / C
Barcodes supported (2D)	PDF 417, MicroPDF 417, QR Code, Micro QR Code, Data Matrix, Aztec, Maxi Code, Dot Code
Optical	
Optical System	CMOS area sensor 1280 x 800 pixels
Light Source	610nm Red LED / White LED 6000- 6,500K
Resolution	3 mil (Code 39), 5 mil (QR Code)
Depth of Field	30mm - 300mm (EAN-13 3 mil)
Scan rate	60 fps
PCS	30%
Electrical	
Voltage	DC 5V
Scanning Currents	380 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)
Relative Humidity	10% - 95%
Shock Resistance	1.8m drops
Physical	
Weight	140g
Dimensions	161.73mm (L) x 65.5mm (W) x 84mm (H)
Housing Material	ABS ESD plastic Withstands ESD up to 10 ⁵ - 10 ⁹ ohms per square
Cable	Length: 180cm / USB Type: A or C, RS-232
Warranty	1 year
Certificate	CE / FCC / BSMI
Sealing	IP 54

V3-210800 This information is subject to change without prior notice.