



Hand held 2D imager scanner

GS500



An ESD safe, high-voltage-tolerance scanner.

The GS500 is an affordable 2D scanner with great performance and high reliability. Perfect for daily use.

- **Reliable voltage tolerance** - 5-14V ensure a longer lifespan.
- **ESD (Electrostatic Discharge) safe** - Built-in ESD IC, 8KV contact / 15KV air.
- **Multiple scanning models** - Supports Trigger, Continuous and Presentation scan modes.
- **Screen reading** - Read barcodes from the screens of mobile devices.
- **Connectivity** - Sturdy SR-type cable that supports USB and VCOM.

Diverse Applications



Retail



Logistics



Manufacturing



Library books management



Warehouse management



Clothing industry



Supermarkets



GS500

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Model	GS500				
Scan Pattern	2D Imager (640 x 480 pixel)				
Light Source	Red Led 625 ± 10nm				
Resolution	5 mil				
Depth of Field	EAN13 (13mil): 50-195mm Code 39 (5mil): 50-105mm PDF417 (6.67mil): 35-135mm Data Matrix (10mil): 36-140mm QR Code (15mil): 30-165mm				
Scanning Angle	Skew: 55°, Pitch: 55°, Roll: 360°				
Print Contrast	≥ 30% reflection difference				
Decode Capabilities	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 Of 5, GS1 DataBar, Code 39, Code 11, MSI/Plessey, Plessey, PDF417, Data Matrix (ECC200, ECC000, 050, 080, 100, 140), QR Code				
Interface	USB 2.0, VCOM				
Dimension (H x W x D)	147mm (5.79") x 66mm (2.60") x 101mm (3.98")				
Weight	130g ± 10 (w/o Cable), 200g ± 10 (W/Cable)				
Color	Black				
Indicators	LED, Beeper				
Input Voltage	DC 5V ± 0.5V				
Current	7 mA (Standby), 230 mA (Operating)				
Power Consumption	760 mW (Max.)				
Environment	<table border="0"> <tr> <td>Operation Temperature</td> <td>-4 °F to 140 °F (-20 °C to 60 °C)</td> </tr> <tr> <td>Storage Temperature</td> <td>-40 °F to 185 °F (-40 °C to 85 °C)</td> </tr> </table>	Operation Temperature	-4 °F to 140 °F (-20 °C to 60 °C)	Storage Temperature	-40 °F to 185 °F (-40 °C to 85 °C)
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Humidity	5% -95% (non-condensing)				
Light Levels	0 to 100,000 lux				
Drop Resistance	1.5m (4.92 fts) drops to concrete				
Regulatory	CE , FCC , BSMI				

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