



Hand held 2D imager scanner

GS520



GS520 is a high resolutions and performance but cost-effective 2D scanner. Sturdy shell and ruggedized design applies for commercial and industrial applications.

- Rugged Design - 2M drop resistant, IP52 sealing protects the scanner from damage
- Screen reading - Read barcodes from the screens of mobile devices
- Auto scanning - Optional stand to facilitate hand-free reading options
- Ergonomic Streamlining Design - Reduces hand fatigue and improves scan stability

Diverse Applications



Retail



Logistics



Manufacturing



Library books management



Warehouse management



Clothing industry



Supermarkets



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Model	GS520	
Scan Pattern	1280 x 800 pixels	
Light Source	Illumination : 5,000K, White LED Aiming: Green LED	
Resolution	1D Code 39, 4 mil	
Depth of Field	Code39 (4 mil): 30 – 90 mm	DM (10 mil): 0 – 165 mm
	Code39 (5 mil): 20 – 120 mm	QR (10 mil): 0 – 165 mm
	Code39 (20 mil): 15 – 430 mm	QR (20 mil): 0 – 340 mm
	UPC (13 mil): 0 – 280 mm	
	PDF417 (6.7 mil): 15 – 120 mm	
Scanning Angle	Skew: $\pm 70^\circ$, Pitch: $\pm 75^\circ$, Roll: 360°	
Print Contrast	20% minimum reflectance difference	
Scan Mode	Hand-held, Auto-Detection	
Decode Capabilities	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 DataBar (formerly RSS) variants, PDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, MicroQR Code, MicroPDF417	
Interface	USB 2.0, VCOM	
Dimension (H x W x D)	82mm (3.23") x 69mm (2.72") x 178mm (7.01")	
Weight	146 g, without cable	
Cable	Straight 2.0 m	
Color	Black	
Indicators	LED and beeper	
Input Voltage	4.4 ~ 5.25 VDC	
Current	Standby: 160 mA, Working: 300 mA (Max: 480 mA)	
Environment Sealing	IP52	
Environment	Operation Temperature	-10°C to 50°C (14°F to 122°F)
	Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	5% -95% (non-condensing)	
Light Levels	0 to 100,000 lux	
Drop Resistance	2.0 m drops to concrete	
Regulatory	CE / FCC / BSMI	