GS300

2D Handheld Scanner











FEATURES

- Ergonomic design for high comfort
- Image-based, high-speed scanning
- Superior scanning of poor quality and low-contrast barcodes
- Stand for hands-free scanning
- Rugged with 4.9 ft drop specification and IP42-rating
- Linear aiming pattern with clear feedback after each scan (buzzer & LED)

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Scanner Technology	
Image Sensor	CMOS (640 x 480 pixles)
Illuminiation & Focus	Infrared LED
Supported Symbologies	**1D:** Code 39, Code 128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Codabar, Code 93, Code11, Plessey, MSI-Plessey, RSS-14, RSS-Limited, RSS-Expand, etc **2D:** PDF417, QR Code, Data Matrix, HanXin, Maxicode, Postal Codes, etc
Resolution	≥ 3 mil
Typical Decoding Range	5 mil Code 39: 20-150 mm / 13 mil EAN: 30-300 mm / 6.7 mil PDF417: 25-130 mm 10 mil DM: 15-100 mm / 20 mil QR: 15-210mm
Recognition Sensitivity	Pitch: ±60° Tilt: 360° Skew: ±60°
Field of View	Hoizontal: 32°, Vertical: 25°
Minimum Print Contrast	≥20%
Physical Characteristics	
Size (DxWxH)	3.27 x 2.64 x 6.89 in / 83 x 67 x 175 mm
Weight	4.5 oz / 128 g
Color	Light gray/dark gray
Housing materials	PC (polycarbonate) & TPU (thermoplastic polyurethane)
Connector	RJ45 (crystal connector)
Notification	Buzzer, LED indicator (red/green)
Host Interfaces	RS-232 serial port, USB, USB virtual serial port, keyboard wedge (cable)
Trigger	Manual keystroke trigger, induction recognition, continuous recognition
Input Voltage	5V DC±10%
Operating Current Voltage	Work: 230mA / Standby: 100mA / Work: 1.15W / Standby: 0.5W
User Environment	
Temperature	-4°F to 122°F / -20°C to 50°C (operating), -40°F to 158°F / -40°C to 70°C (storage)
Relative Humidity	5%- 95% (non-condensing)
Environmental Sealing	IP42
Drop Specification	4.9 ft / 1.5 m
Certifications	CE, FCC, ROHS
Peripherals	Hands-free stand (ST-100)
Warranty	2 years

Test Conditions: Performance tests were made at 23°C/73.4°F with 300 LUX filament lamp. Depth of field depends on the resolution, contrast of bar code and the illumination.

*Specification is subject to change without prior notice

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