

# GS300 2D Handheld Scanner

- Top notch decoding library, most extensive barcodes support coverage
- New generation imaging technology, greatly speed up your scanning
- Intelligent auxiliary aiming & lighting system, easiest using experience ever
- Extraordinary performance, declassify highly-distorted barcodes hands down
- Most reliable construction, 1.5m drop resistance and IP42 protective level
- Outstanding but industry-best price, wisest choice for your business



Snappy and accurate



Comfortable grip



## Specification

Scanning Parameter	
Image Sensor	CMOS
Pixel	640x480
Illumination	Infrared LED
Focus	Infrared LED
Symbologies	2D: PDF417, QR Code, Data Matrix, HanXin, Maxicode, Postal Codes etc 1D: Code128, 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, Code39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, RSS-14, RSS-Limited, RSS-Expand etc.
Resolution	≥3mil
Typical DOF	5mil Code39: 20mm-150mm 13mil ENA: 30mm-300mm 6.7mil PDF417: 25mm-130mm 10mil DM: 15mm-100mm 20mil QR: 15mm-210mm
Recognition Sensitivity	Pitch±60° Tilt360° Skew±60°
FOV	Horizontal: 32°, vertical: 25°
Symbol Contrast	≥20%
Physical Parameter	
Dimension(mm)	83 (D) *67 (W) *175 (H)
Weight	128g
Scanner Interface	RJ-45 crystal head
Housing Materials	PC+TPU
Notification	Buzzer, LED Indicator
Interfaces	RS-232 Serial Port, USB, USB Virtual Serial Port
Trigger Method	Manual keystroke, induction recognition, continuous recognition
Electrical Parameter	
Operating Voltage	5VDC±10%
Operating Current	Standby: 100mA; Work: 230mA
Power	Standby: 0.5W; Work: 1.15W
Environment Parameter	
Operating Temperature	-20 °C~+50 °C
Storage Temperature	-40 °C~+70 °C



Relative Humidity	5%~95% (No Condensation)
ESD	±15 kV Air Discharge, ±8 kV Direct Discharge
Anti-shock Ability	1.5 m
Protection Grade	IP42
Certification	CE, FCC, ROHS
Cable	USB: use to connect the scanner to the information receiving host RS-232: use to connect the scanner to the information receiving host
AC Adapter	5V, coordinate with RS-232 cable to power the scanner
Test Condition	Environment temperature: 23°C Environment illumination: 300LUX filament lamp DOF depends on the resolution, contrast of the printing codebar, and the environment illumination

