

SM-313Y

Premium 2D Omnidirectional
Table Barcode Scanner
(2D Area-Image Scanner)

Features

- Auto Scanning
- 300scans/sec Scanning Speed
- Read All Standard 1D&2D Bar Codes on both commodities and e-screen
- Traditional Durable Interface
- USB/KB/COM Supported
- Stable Housing Design

Application Scenarios

Retail chains, supermarket, logistic, warehouse store, restaurant, hospital, e-payment etc..

scanMORE



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PHYSICAL CHARACTERISTICS

Material	ABS+PC
Size	L*W*H: 153mm*109mm*97mm
Power Supply	DC 5V/420mA
Weight	310±5g (without cable)

PERFORMANCE

Interface Supported	USB
Sensor	Planar CMOS sensor
Light Source	white LED (lighting)
Processor	32-bit ARM MCU
Resolution	1D 4MIL, 2D QR8 3MIL, PCS45%
Depth of Field	4MIL CODE39: 0--4 CM 13MIL UPC-A : 0--16 CM 15MIL QR : 0--14 CM 1D code from Alipay 0--24 CM 2D code from Alipay 0--47 CM Available for Stationery small barcode & wide barcode
Decoding Speed	300 scans/sec
Scanning Method	Auto-sensing
Scanning Area	5 * 5 cm ² -- 20 * 20 cm ²
Print Contrast	Min.35%
Scan Angles	Roll 0-360°, Pitch±65°, Yaw±60°
Decode Capability	1D : Codabar,Code39,Code32,InterLeaved 2 of 5(24bit),Industrial 2 of 5(Industrial25),Matrix 2 of 5,Code93,Code128,Gs1-128,UPC-A,UPC-E,EAN/JAN-8,EAN/JAN-13,GS1 DATABAR(RSS14),GS1 DATABAR Limited,Gs1databar Expanded 2D : QR, MicroQR, PDF417, Data Matrix, AZTEC.
Notification	Buzzer, LED indicator

ENVIRONMENTAL

Operating Temperature	0 oC to 50 oC (32 oF to 122 oF)
Storage Temperature	-20 oC to 70 oC (-4 oF to 158 oF)
Relative Humidity	20% to 95% (Non-condensing)
Shock Resistance	1.0m free fall on concrete surface
Electrostatic protection	15KV air discharge
IP grade	IP 54

RELIABILITY

Life Time	
Light Source	40,000 hours
MTBF(Calculated)	80,000 hours
Thermal Shock	
High Temp.	60 oC (140 oF)
Low Temp.	-20 oC (-4 oF)
Cycle time	30 minutes for high temp.,30 minutes for low temp. Cycles 24 cycles
Mechanical Shock	2000G, 0.7ms, 3 axes