scanMore

SM-211Y

2D Barcode Scanner

(2D Area-Image Scanner)

Features

- CMOS / Image Barcode Scanner
- Handheld Barcode Scanner
- Wired Barcode Scanner
- Read All Standard 1D Bar Codes on Electronic Screen and QR codes
- 200 scans/sec decoding speed
- 1.5m universal USB Charging cable
- New Interface Design (pull out easily)
- 1.5M Shock Resistance on concrete surface

Application Scenarios

Logistic, warehouse store, retail chains, supermarket, restaurant, hospital, e-payment etc..

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2D Area-Image Scanner

PHYSICAL CHARACTERISTICS

Material	ABS+PVC+PC
Size	L*W*H: 165mm×95mm×70mm
Power Supply	DC 5V/300mA
Weight	120±5g (without cable)

PERFORMANCE

Interface Supported	USB, RS-232
Sensor	Flat CMOS Sensor
Light Source	Red LED lights + white LED light
Processor	32-bit MCU
Resolution	Code39 5mil, QR 8.7mil, PCS45%
Depth of Field	5MIL CODE39: 5--12 CM 15MIL CODE39 : 4--25 CM 10MIL CODE93 : 4--21 CM 15MIL UPC/EAN: 4--25 CM 20MIL QR : 4--25 CM
Decoding Speed	200 scans/sec
Trigger mode	Trigger buttons, Automatic successive scanning
Scanning Area	5*5 cm² - 30*30 cm²
Print Contrast	35%
Scan Angles	Roll 0-360°, Pitch±65°, Yaw±60°
Decode Capability	Codabar, Code11, Code39/Code93, UPC/EAN, Code128/EAN128, InterLeaved2of5, Matrix2of5, MSI CODE, Standard2of5, QR CODE
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	1.5m 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