VM-SC009

HANDHELD INDUSTRIAL BARCODE SCANNER

· Using 1280*800 high-resolution, high frame rate image sensor, can quickly identify higher-precision barcodes.

· Ergonomic design, Gun Type shape, comfortable operation, not easy to fatigue after long-term work, in line with product design in industrial environment, more durable.

· Intelligent light source switching, active memory and intelligent switching of the best decoding light source.

· A variety of communication interface options, the data cable can be replaced quickly, and the plug and play is more convenient.

· Intelligent debugging mode, intelligently scan settings for direct component marking (DPM) barcodes such as laser engraving and dotting, and provide the best decoding settings for fixed application scenarios.

APPLICATION

Mobile phone production and assembly manufacturing Photovoltaic product assembly and manufacturing Automobile manufacturing production lines, etc.

1D	2D	Quick reading	Plug and play	Two color indicator	Automatic scan	Anti seismic anti falling

---

VM-SC009

TECHNICAL SPECIFICATION

OS
Windows
iOS / Android

Image Sensor
CMOS

Image(Pixels)
1280(H) x 800(V) Pixels

light source
Aiming: Red light, laser dot or laser cross
illumination:Red light source, red + white point light source (HD non-coaxial fill light), red + white + blue surface light source (DP adaptive switching)

Scan Mode
Trigger

Scan accuracy
1D : ≥3 mil ;
2D : ≥5 mil

Print Contrast
≥20%(UPC/EAN 100% , PCS 90%)

Visual Indicator
Buzzer, LED indicator, vibration

Interfaces
USB , RS-232 , Virtual COM Port

Scan Angle
Left and right: ± 55 °
Front and rear: ± 55 °
Rotate: 360 °

Field of view
46° horizontal, 29° vertical

Transmission Mode
Wired Transmission

Dimension H x W x L
181x 102 x 77 mm

Weight
351.8g(with cable)

Cable
Standard 2M straight

Case Material
ABS+PC

Power parameter
Input Voltage: 5VDC±5%
Working corrent: 300 mA ±5%
(typical value), 400 mA ±5%(max)
Standby current: 100 mA ±5%

Environmental parameters
Operating Temperature: -20℃~+ 50℃
Working Humidity: 5% to 95% relative humidity, non-condensing
Storage Temperature: -40℃~+70℃
Electrostatic protection: ±12 kV (air discharge), ±8 kV (direct discharge)
Ambient brightness: 0~100,000Lux
Drop Resistance : 1.8M   IP: IP65

Firmware Update
Computer online upgrade

Safety regulations
FCC Part15 Class B, CE, EMC Class B

Scan distance
30~80mm @ Code 39 (3mil) PCS=100%;
30~150mm @ Code 39 (4mil) PCS=100%
30~100mm @Data Matrix(7mil) PCS=100%
30~400mm @UPCA (13mil) PCS=100%

Decoding Capability
1D: UPC A , UPC E , EAN 8 , EAN 13 , Code 128 , Code 39 , Code 93, Code 32 , Code11 , Codabar , Plessey , MSI , Interleaved 2 of 5 , IATA 2 of 5 , Matrix 2 of 5 , Straight 2 of 5 , Pharmacode , RSS-14 , RSS-14 Expanded , RSS-14 Limited Composite Code-A ,Composite Code-B , Composite Code-C, etc.

2D: Data Matrix , QR Code , Micro QR , PDF 417 , Micro PDF 417, etc.