

FIXED BARCODE SCANNER

VM SC014-H

- Simply OEM development model.
- LED and Buzzer indication interface.
- 100 mega pixel Cmos image 1280*800pixel.
- Provide USB and RS232 communication interface.
- Can quickly read the mobile phone payment QR code.
- Support high-performance screen 1D / 2D barcode scanning



APPLICATION

Mainly used in business, payment, health care, tobacco, some industries, etc.

1D	2D	vending machine	Applied to SPM	Quick reading

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TECHNICAL SPECIFICATION

OS Windows / iOS / Android	Image Sensor CMOS	Image(Pixels) 1280(H)*800 (v)pixels	light source White LED	Scan Mode Handhand (Manual) / Handfree (Automatic)
FPS Frame Rate 60fps/s	Scan accuracy 5mil	Print Contrast ≥30%(UPC/EAN 100%, PCS 90%)	Visual Indicator Buzzer	Interface USB(HID,CDC)
Scan Angle rotation 360° Declination ±50° deflection ±50°	Field of view 49.6° horizontal 37.2° vertical	Dimension L x W x H 42 x 48.5 x 22(mm)	Weight 75g(with USB cable)	Case Material ABS
Power parameter Input Voltage: 5VDC±10% Working current: 360mA (Typical value) Max current: 450mA @5V	Firmware Update Computer online upgrade	Depth of filed EAN 13: 45mm-350mm (13mil) QR: 35mm-250mm (15mil) Data Matrix: 40mm-310mm (20mil) PDF 417: 45mm-200mm (6.67mil) QR Code: 50mm-600mm	Scan distance 45-350mm @ EAN 13mil PCS=100%; 35-250mm @ QR 15mil PCS=100%	
Safety regulations CE (EN 55032:2015; EN 55035:2017), ROHS, BIS, EN62368-1:2014+A11:2017 FCC PART 15 CLASS B	Environmental parameters Operating Temperature: -10°C ~ +50°C Storage Temperature: -40°C~+60°C Ambient brightness: 0~100,000Lux IP: IP52 Working Humidity: 5% to 95% relative humidity, non-condensing Electrostatic protection: ±8 kV (Direct discharge) Drop Resistance : 2M			

Decoding Capability

- 1D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc
- 2D: QR, MicroQR, PDF417, MicroPDF, DataMatrix, Aztex, Maxicode, hanxin, etc.