

Fixed Miniature DataMatrix & Barcode Scanner VL92 Model

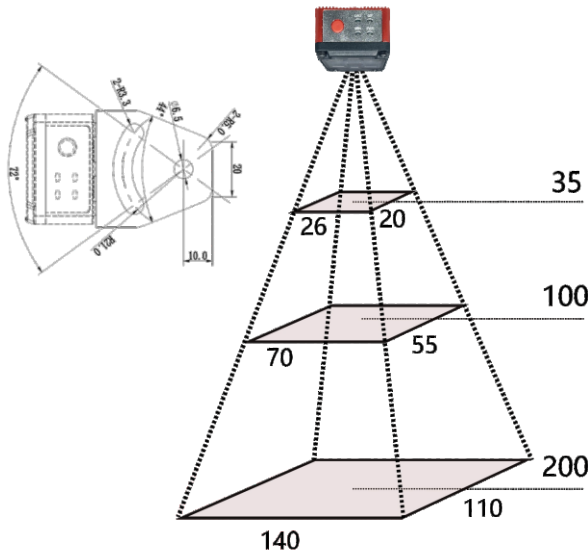


Highlights

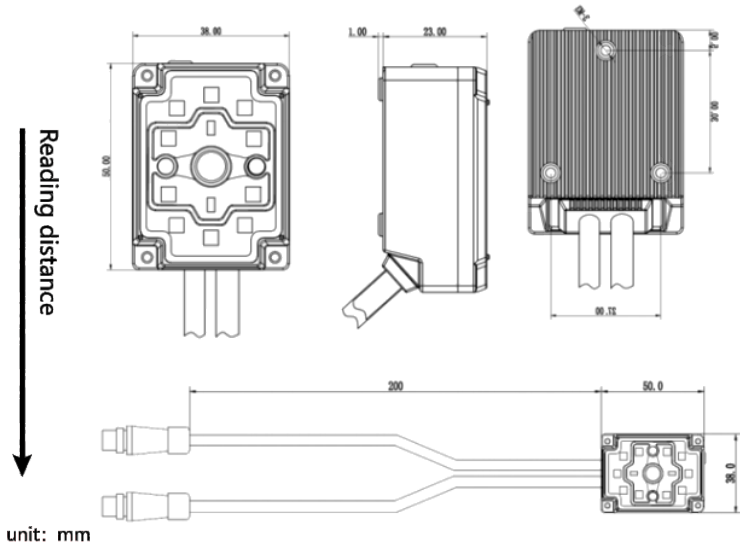
- Autofocus and auto-optimization of code reading parameters
- Powerful image processing and decoding algorithm
- Industrial design for harsh environment
- 1D,2D codes reliable scanner
- Embaded communication options - Ethernet, RS232, USB simulation serial port and Keyboard port
- Aluminum body with IP65 protection for harsh work conditions
- Powerful DPM (Direct Part Mark) Reader



Installation



Dimensions



Product parameters

Performance Parameters	
Image Resolution	1024×800
Sensor	1/4 inch CMOS
Frame Rate	Maximum 72 frame/s
Trigger Mode	Command trigger; I/O trigger; continuous reading mode; Presentation Mode
I/O Type	2 isolated inputs / 2 isolated output
LEDs Indication	4 LED indicator lights (Power / Reading success / Reading failure / Auto focus and parameter adjustment)
Illumination	High brightness / polarization / atomization light source; red / White / Blue optional LED light source
Focusing mode	Auto focus
Aiming System	Laser aiming
Communication interfaces	Ethernet / RS232
Electrical characteristics	
Power Supply	20 - 30 VDC
Power Consumption	2.5W (Standby status) / 11.5W ((Peak) (Note: 1)
Mechanical characteristics	
Case Material	Aluminum alloy
Weight	105g
Dimensions	50mm×38mm×24.5mm (L×W×H)
Decode Capability	
1D Barcode	Codabar, Code 11, Code 39, Code 93, Code 128/EAN128, EAN.UCC Composite, Interleaved 2 of 5, MSI Code, Planet, Plessey Code, Postnet, RSS, Standard 2 of 5, Telepen, UPC/EAN, etc.
2D Barcode	PDF417, QR code, Matrix 2 of 5, MicroPDF417, Australian Post, Canada Post, Japan Post, MaxiCode, Codablock, Aztec, Dutch Post, TLC 39, DataMatrix, etc.
Readable symbols	Readable 1D, 2D and stack codes that meet national and international standards, OCR-A, OCR-B
Reading accuracy	1D code : 1.8mil / 2D code : 2mil (Note 1: Measured without external load).
Reading performance	
40mm reading distance	FOV 23°18mm - 3mil reading accuracy
300mm reading distance	FOV 202°158mm - 23.3mil reading accuracy
Environment	
Operating Temperature	-20~60°C
Storage Temperature	-30~70°C
Humidity	5%~95% (relative humidity, non-condensing)
IP Protecting	IP65
Grade Certification	CE, ROHS
Readable	1D, 2D and stack codes that meet national and

Note 2: Performance may be affected by barcode quality and environmental condition.