

MV-ID5060M-**S-WBN

6 MP Smart Code Reader



Introduction

With mechanical autofocus lens, MV-ID5060M-**S-WBN smart code reader can read different types codes with reading speed up to 90 codes/sec. It adopts Hikrobot's deep learning algorithm to process image with good robustness, and can recognize various complex codes.

Key Feature

- Adopts built-in deep learning algorithm to read codes with good robustness.
- Adopts mechanical autofocus lens to achieve automatic focusing.
- Adopts multiple IO interfaces for input and output signals.
- Supports multiple communication protocols, including TCP, Serial, FTP, Profinet, etc.
- Adopts CMOS sensor to acquire image data and provide high-quality image.
- Supports RS-232 serial port and indicators displaying device status.

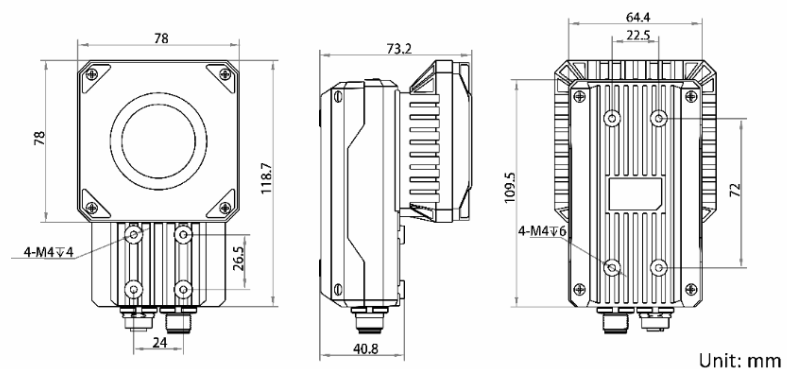
Available Model

- 8 mm focal length: MV-ID5060M-08S-WBN
- 12 mm focal length: MV-ID5060M-12S-WBN
- 16 mm focal length: MV-ID5060M-16S-WBN
- 25 mm focal length: MV-ID5060M-25S-WBN

Applicable Industry

Consumer electronics, food and beverage, pharmaceutical, semiconductor, automobile, new energy, etc.

Dimension



Specification

Model	MV-ID5060M-08S-WBN	MV-ID5060M-12S-WBN	MV-ID5060M-16S-WBN	MV-ID5060M-25S-WBN
Performance				
Symbologies	1-dimensional codes: Code 39, Code 93, Code 128, CodaBar, EAN 8, EAN 13, UPCA, UPCE, ITF 14, ITF 25, Matrix 25, MSI, China Post, Code 11			
	2-dimensional codes: QR Code, Data Matrix			
	Stack codes: PDF 417			
Max. frame rate	30 fps			
Max. reading speed	90 codes/sec			
Sensor type	CMOS, rolling shutter			
Pixel size	2.4 μm \times 2.4 μm			
Sensor size	1/1.8"			
Resolution	3072 \times 2048			
Exposure time	16 μs to 1 sec			
Gain	0 dB to 40 dB			
Mono/color	Mono			
Communication protocol	SmartSDK, TCP Client, Serial, FTP, TCP Server, Profinet, Ethernet/IP, MELSEC, Fins, ModBus, SLMP, UDP			
Electrical feature				
Data interface	Gigabit Ethernet			
Digital I/O	12-pin M12 connector provides power and I/O, including opto-isolated input (LineIn 0/1/2) \times 3, opto-isolated output (LineOut 3/4/5) \times 3, RS-232 input \times 1, and RS-232 output \times 1.			
Power supply	24 VDC			
Max. consumption power	Approx. 23 W@24 VDC (light source is enabled)			
Mechanical				
Focal length	8 mm (0.3")	12 mm (0.5")	16 mm (0.6")	25 mm (1.0")
Lens mount	M12-mount, mechanical autofocus lens.			
Lens cap	Transparent lens cap. Polarization lens cap is optional.			
Light source	White light. Red or blue light is optional.			
Indicator	Power indicator (PWR), network indicator (LNK/ACT), and user-defined indicator (U1/U2).			
Dimension	118.7 mm \times 78 mm \times 73.2 mm (4.7" \times 3.1" \times 2.9")			
Weight	Approx. 520 g (1.1 lb.)			
Ingress protection	IP67 (under proper installation of waterproof lens cap)			
Temperature	Working temperature: 0 $^{\circ}\text{C}$ to 50 $^{\circ}\text{C}$ (32 $^{\circ}\text{F}$ to 122 $^{\circ}\text{F}$) Storage temperature: -30 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$ (-22 $^{\circ}\text{F}$ to 158 $^{\circ}\text{F}$)			
Humidity	20% to 95% RH, non-condensing			
General				
Client software	IDMVS			
Certification	CE, FCC, RoHS, KC			