

MV-ID6120PM-00C-NNG

12 MP Logistics Code Reader



RoHS

Introduction

With built-in code reading algorithm, MV-ID6120PM-00C-NNG logistics code reader can read different types of 1D codes and 2D codes with reading speed up to 84 codes/sec. It adopts deep learning algorithm to process images with good robustness, and can recognize various poor printing quality codes.

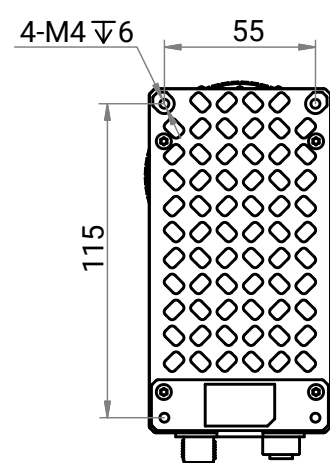
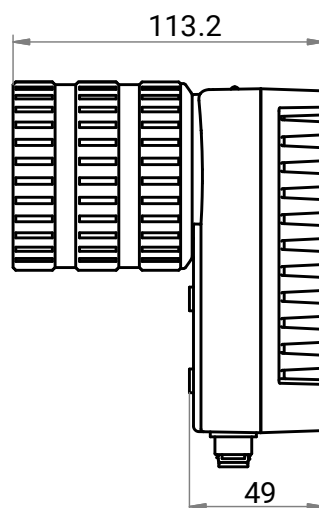
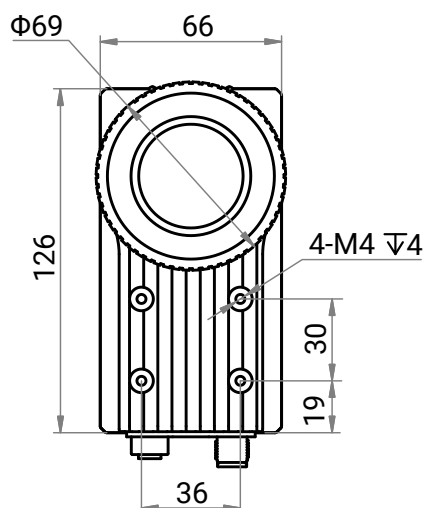
Available Model

- MV-ID6120PM-00C-NNG
- MV-ID6120PM-00C-NNG V3.0

Applicable Industry

Express delivery and logistics, airport, e-commerce warehouse, etc.

Dimension



Unit: mm

Key Features

- Adopts 12 MP sensor to provide high-quality images.
- Flexible installation and convenient debugging.
- Supports continuous reading of various codes with high speed.
- Supports recognizing various poor printing quality codes.
- Supports gigabit Ethernet transmission to output images.
- Supports networking of multiple devices.
- Ingress protection 67.

Specification

Model	MV-ID6120PM-00C-NNG	MV-ID6120PM-00C-NNG V3.0
Performance		
Symbologies	1D codes: Code 39, Code 128, Code 93, ITF 14, ITF 25, CodaBar, EAN 8, EAN 13, UPCA, UPCE	
	2D codes: QR Code, Data Matrix	
Max. frame rate	28 fps	
Max. reading speed	84 codes/sec	
Sensor type	CMOS, global shutter	
Pixel size	3.2 μm × 3.2 μm	3.45 μm × 3.45 μm
Sensor size	1"	1.1"
Resolution	4096 × 3072	
Exposure time	16 μs to 1 sec	
Gain	0 dB to 40 dB	0 dB to 37 dB
Mono/color	Mono	
Communication protocol	SmartSDK, TCP Client, TCP Server, Serial, FTP	
Electrical feature		
Data interface	Gigabit Ethernet (1000 Mbit/s)	
Digital I/O	12-pin M12 connector provides power and I/O, including opto-isolated input (LineIn 0/1/2) × 3, opto-isolated output (LineOut 3/4/5) × 3, and RS-232 × 1	
Power supply	12 VDC to 24 VDC	
Max. power consumption	17 W @ 24 VDC	
Mechanical		
Lens mount	C-mount	
Light source	Not included	
Lens cap	Included	
Dimension	126 mm × 66 mm ×113.2 mm (5.0" × 2.6" × 4.5")	
Weight	Approx. 750 g (1.7 lb.)	
Ingress protection	IP67 (under proper installation of waterproof lens cap)	
Temperature	Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: −30 °C to 70 °C (−22 °F to 158 °F)	
Humidity	20% RH to 95% RH (no condensation)	
General		
Client software	IDMVS	
Certification	CE, RoHS	

Optional

- Lens: Hikrobot KF series FA Lens
- Light source: MV-LB-270-140-4030WL-A