

RoHS

# MV-ID6120PM-00C-NNG

12 MP Smart Code Reader



#### Introduction

With built-in code reading algorithm, MV-ID6120PM-00C-NNG smart 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.

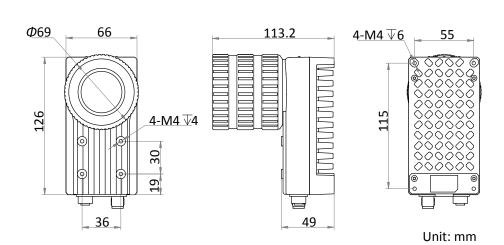
### **Available Model**

MV-ID6120PM-00C-NNG

#### **Applicable Industry**

Express deivery and logisitics, airport, e-commerce warhouse, etc.

#### Dimension



#### **Key Feature**

 Adopts 12 MP sensor to provide highquality images.

CE

- Flexible installation and convenient debugging.
- Supports continuous reading of various codes without stopping.
- Supports recognizing various poor printing quality codes.
- Supports networking of multiple devices.
- Ingress protection 67.



## Specification

Model	MV-ID6120PM-00C-NNG
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
Sensor size	1"
Resolution	4096 × 3072
Exposure time	16 µs to 1 sec
Gain	0 dB to 40 dB
Mono/color	Mono
Communication protocol	SmartSDK, TCP Client, TCP Server, Serial, FTP
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, and RS-232 $\times$ 1
Power supply	12 VDC to 24 VDC
Max. power consumption	12 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% to 95% RH, without condensation
General	
Client software	
onent software	IDMVS

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