

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 1-dimensional code and 2-dimensional code 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.

Key Feature

- Adopts 12 MP sensor to provide high-quality images.
- 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.

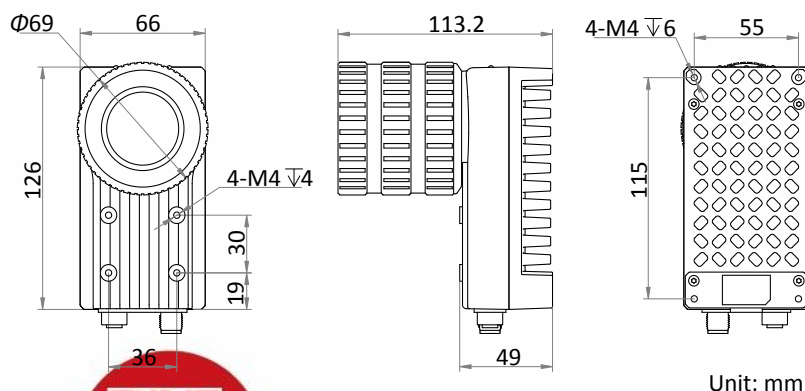
Available Model

MV-ID6120PM-00C-NNG

Applicable Industry

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

Dimension



Specification

Model	MV-ID6120PM-00C-NNG
Performance	
Symbologies	1-dimensional codes: Code 39, Code 128, Code 93, ITF 25, CodaBar, EAN
	2-dimensional codes: QR, Data Matrix
Max. frame rate	28 fps @4096 × 3072
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, HTTP
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) × 3, opto-isolated output (LineOut 0/1/2) × 3, RS-232 input × 1, and RS-232 output × 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	IDMVS
Certification	CE, FCC, RoHS

HIKROBOT

Hangzhou Hikrobot Co., Ltd.
en.hikrobotics.com

© Hangzhou Hikrobot Co., Ltd. All Rights Reserved.

Hangzhou Hikrobot does not tolerate any infringement. Any organization or individual may not imitate or reproduce in whole or in part of the content. The data herein is based on Hikrobot's internal evaluation. Actual data may vary depending on specific configuration and operating condition. The information herein is subject to change without notice. All the content has been checked conscientiously. Nevertheless, Hikrobot shall not be liable to damages resulting from errors, inconsistencies or omissions.