

MVGL-ID6544-00CNN

20 MP Smart Code Reader



Introduction

With built-in code reading algorithm, MVGL-ID6544-00CNN smart code reader can read different types of 1-dimensional code and 2-dimensional code with reading speed up to 36 codes/s. It adopts deep learning algorithm to process image with good robustness, and can recognize various poor printing quality barcodes.

Key Feature

- Adopts CMOS sensor to acquire image data and provide high-quality image.
- Adopts built-in code reading algorithm to read different codes.
- Supports various trigger modes and acquisition modes.
- Adopts multiples IO interface for input and output signals.
- Supports RS-232 serial port and indicators displaying device status.

Available Model

MVGL-ID6544-00CNN

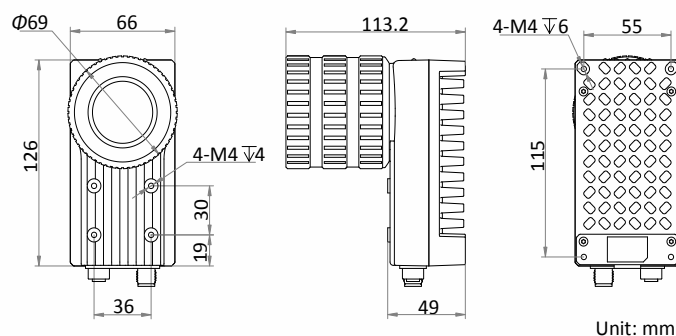
Applicable Industry

Logistics code reading, factory automation, etc.

Accessories

- Lens: KF series FA lens
- Light source: MV-LB-230-230-4030WL-A

Dimension



Specification

Model	MVGL-ID6544-00CNN
Performance	
Symbologies	1-dimensional codes: Code 39, Code 128, Code 93, ITF25, CodaBar, EAN 2-dimensional codes: QR, Data Matrix
Max. frame rate	12.5 fps
Max. reading speed	36 codes/sec
Sensor type	CMOS, rolling shutter
Pixel size	2.4 μm \times 2.4 μm
Sensor size	1"
Resolution	5440 \times 3648
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 features	
Data interface	Gigabit Ethernet
Digital IO	12-pin M12 connector provides power and I/O, including opto-isolated input (LineIn 0/1/2) \times 3, opto-isolated output (LineOut 0/1/2) \times 3, and RS-232 \times 1.
Power supply	12 VDC to 24 VDC
Power consumption	Approx. 12 W@24 VDC
Mechanical	
Lens mount	C-mount
Light source	Not included
Lens cap	Included
Dimension	126 mm \times 66 mm \times 113.2 mm (5.0" \times 2.6" \times 4.5")
Weight	Approx. 750 g (1.7 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
Certifications	CE, FCC, RoHS

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