

MV-SC7060M-00C-NNN

6.0 MP Smart Camera



Introduction

With built-in vision tools of deep learning, MV-SC7060M-00C-NNN smart camera can achieve character and object recognition, object sorting, and other functions. It can be monitored and operated via the web based interface, and it supports multiple result output methods, and customized result text output.

Key Feature

- Built-in vision tools of deep learning to achieve character and object recognition, object sorting, etc.
- Adopts high speed and large capacity memory medium for saving images.
- Supports multiple communication protocols, including TCP, UDP, Serial, FTP, Modbus, etc.
- Supports indicators displaying device status.

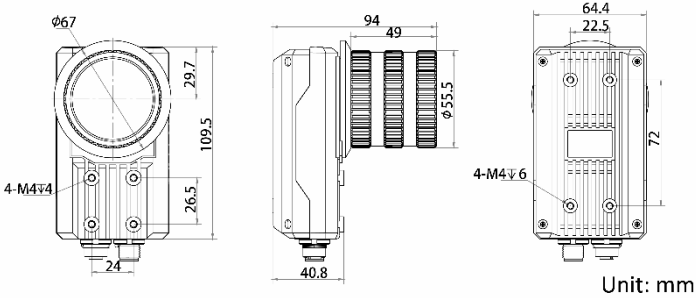
Available Model

MV-SC7060M-00C-NNN

Applicable Industry

Consumer electronics, food and beverage, pharmaceutical, automobile, etc.

Dimension



Unit: mm

Specification

Model	MV-SC7060M-00C-NNN
Tool	
Vision tool	Feature matching, fixture, blob, deep learning character recognition, deep learning character location, deep learning classification, deep learning object detection, etc.
Solution capacity	Supports solution importing and exporting, up to 32 solutions and 40 modules can be stored.
Communication protocol	TCP, UDP, serial port, IO, Modbus, PROFINET, Ethernet/IP, and FTP.
Camera	
Sensor type	CMOS, rolling shutter
Pixel size	2.4 μm \times 2.4 μm
Sensor size	1/1.8"
Resolution	3072 \times 2048
Max. frame rate	30 fps
Dynamic range	71.3 dB
SNR	41.3 dB
Gain	0 dB to 15 dB
Exposure time	16 μs to 1 sec
Pixel format	Mono 8
Mono/color	Mono
Platform	
Memory	4 GB
Storage	32 GB
Electrical feature	
Data interface	Gigabit Ethernet interface
Digital I/O	12-pin M12 connector provides power and I/O, including opto-isolated input (Line 0/1/2) \times 3, opto-isolated output (Line 3/4/5) \times 3, and RS-232 \times 1
Power supply	12 VDC to 24 VDC
Power consumption	Approx. 7.5 W@24 VDC
Mechanical	
Lens mount	C-mount
Lens cap	Transparent lens cap
Light source	Not included
Indicator	Power indicator (PWR), network indicator (LNK/ACT), and user-defined indicator (U1/U2).
Dimension	109.5 mm \times 64.4 mm \times 94 mm (4.3" \times 2.5" \times 3.7")
Weight	Approx. 470 g (1.0 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	Via web based interface
Certification	CE, FCC, KC