

# MV-SI630-08GM/GC

6.0 MP X86 Open Platform



## Introduction

MV-SI630-08GM/GC is an open platform for users to develop their own programs according to actual demands. It has multiple interfaces, such as IO, serial port and extended interface, to communicate with other devices.

## Key Feature

- Adopts sensor platform for high-speed image processing.
- Open platform for users to develop their own programs.
- Multiple IO interfaces for input and output signals.
- Multiple LED indicators indicating real-time status to assist the configuration and debugging on site.
- Supports saving and exporting logs.
- Supports external extended module for meeting different application demands.

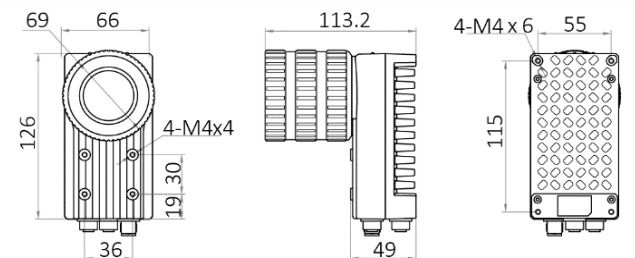
## Available Model

- Mono X86 open platform: MV-SI630-08GM
- Color X86 open platform: MV-SI630-08GC

## Applicable Industry

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

## Dimension



Unit: mm



# Specification

Model	MV-SI630-08GM	MV-SI630-08GC
<b>Tools</b>		
Function module	Open platform	
<b>Camera</b>		
Sensor type	CMOS, rolling shutter	
Sensor model	Sony® IMX178	
Pixel size	2.4 μm × 2.4 μm	
Sensor size	1/1.8"	
Resolution	3072 × 2048	
Max. frame rate	17 fps	
Dynamic range	71.3 dB	
SNR	41.3 dB	
Gain	0 dB to 15 dB	
Exposure time	27 μs to 2.5 s	
Pixel format	Mono 8	Mono 8, Bayer GB 8, RGB 8
Mono/color	Mono	Color
<b>Platform</b>		
System framework	Intel® X86 framework. Intel® E3845, quad-core CPU, 1.9 GHz	
Memory	DDR3L 4 GB	
Storage	32 GB SSD	
<b>Electrical features</b>		
Data interface	Gigabit Ethernet interface	
Digital IO	12-pin M12 connector, including opto input × 3 (LineIn 0/1/2), opto output × 3 (LineOut 0/1/2), and RS-232 × 1.	
Extended interface	17-pin extended interface for connecting extended module	
Power supply	9 VDC to 24 VDC	
Power consumption	Approx. 34 W@24 VDC	
<b>Structure</b>		
Lens mount	C-mount	
Lens cap	Transparent lens cap	
Lighting	White light	
Indicator	Power indicator (PWR), network indicator (LNK/ACT), and user-defined indicator (U1/U2)	
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 lens and wiring)	
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, non-condensing	
<b>General</b>		
Operating method	MVS, VisionMaster	
Certifications	CE, FCC, RoHS	

## HIKROBOT

Hangzhou Hikrobot Technology Co., Ltd.  
No.399 Danfeng Road, Binjiang District, Hangzhou 310051, China.  
en.hikrobotics.com

## SEDECO IMAGING

Germany, Austria, Switzerland	BeNeLux
Sedeco Imaging GmbH	Sedeco Imaging B.V.
Unterer Dammweg 12	Trasmolenlaan 12
76149 Karlsruhe	3447 GZ Woerden
Germany	the Netherlands
T. +49 721 5604 7980	T. +31 348 749110
info@sedeco-imaging.com	info@sedeco-imaging.nl

[www.sedeco-imaging.com](http://www.sedeco-imaging.com)

Copyright Hikrobot

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