

MV-SI620-0xGM 5MP, 1" CMOS, x86 Open Platform

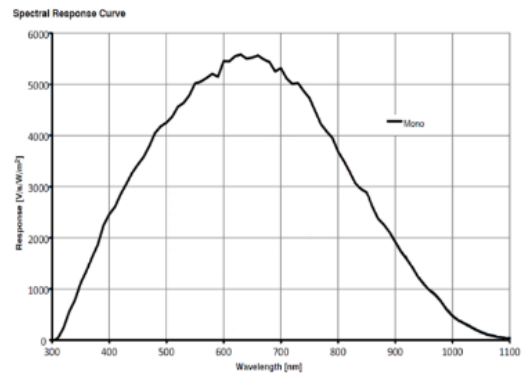


The Hikvision MV-SI620-0xGM 5 MP 1" CMOS x86 Open Platform Industrial Smart Camera is a high quality device that can be used in a variety of applications, including logistics barcode reading, factory automation and etc..

Key Features

- Excellent sensor platform for high-speed image data acquisition
- Open Platform for users to develop programs
- Various IO interfaces provide access for multiple input and output signals, to connect with industrial equipment on site
- Multiple trigger modes (single-frame trigger, multiple-frame trigger), select image acquisition mode according to applications
- Support LED status indicator, log can be saved and exported to monitor production record
- External interface to meet different application requirements
- IP67 protection level, it meets the requirements of strict industrial environment

Spectral Response



MV-SI620-0xGM Quantum Efficiency

Order Models

Without LED light source and lens cover, with external interface: MV-SI620-07GM

With LED light source, lens cover and external interface: MV-SI620-08GM



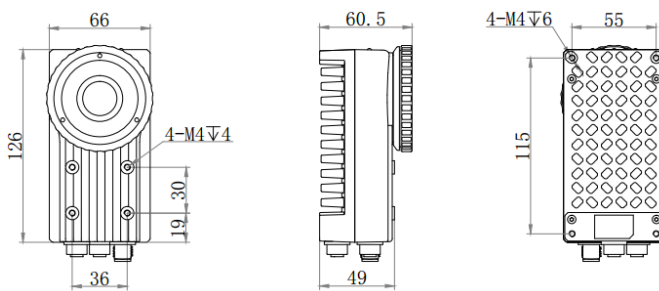
Specifications

Model	MV-SI620-0xGM
Parameters	5MP, 1" CMOS, x86 Open Platform
Camera	
Sensor	PYTHON 5000
Resolution	2592×2048
Pixel Size	4.8μm×4.8μm
Frame Rate	30fps
Image Format	Mono 8
Process Platform	Intel x86, Intel E3845, Quad-core processor, 1.9 GHz
Memory	4GB DDR3 Memory
Storage	32GB SSD
Shutter Mode	Global Shutter. Auto-Exposure, Manual Exposure, One-key Exposure
General Purpose I/O	12 pin IO interface, general purpose input ×3, general purpose output ×3
General	
Power Dissipation	MV-SI620-07GM: < 15.0W@24VDC MV-SI620-08GM: < 34.0W@24VDC
Power	9-24V DC
Lens Interface	C-Mount
Dimension	MV-SI620-07GM: 126mm×66mm×60.5mm MV-SI620-08GM: 126mm×66mm×113.2mm
Weight	MV-SI620-07GM: < 550g MV-SI620-08GM: < 750g
Light Source, Lens Cover and External Extended Light Source/USB Interface	MV-SI620-07GM contains external interface but without LED light source and lens cover MV-SI620-08GM contains LED light source, lens cover and external interface
Temperature	Working Temperature 0-50°C, Storage Temperature -30-70°C
Humidity	20%-95% RH without condensation
Software	MVS, VisionMaster
IP Protection Level	IP67 (with suitable lens cover)
Certification	CE, FCC, RoHS

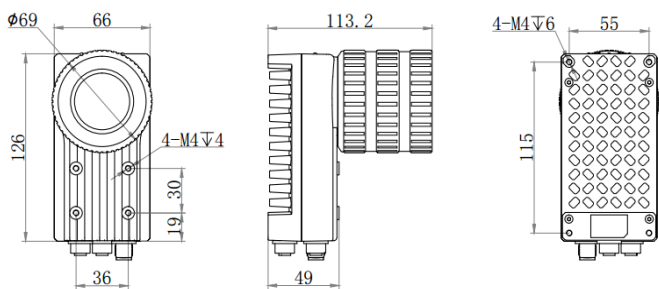
Recommended Accessories

- Power: 9 V-24V DC power adapter or switch power
- NIC: Intel Pro 1000 and above version recommended
- Network Cable: Aviation connector to RJ45 CAT5e or CAT6 network cable

Dimensions



MV-SI620-07GM



MV-SI620-08GM