

## MV-SI622-3xGM 5MP, 1" CMOS, x86 Smart Code Reader



The Hikvision MV-SI622-3xGM 5 MP 1" CMOS x86 Smart Code Reader is a high quality device that can be used in a variety of applications, including logistics barcode reading, factory automation and etc..

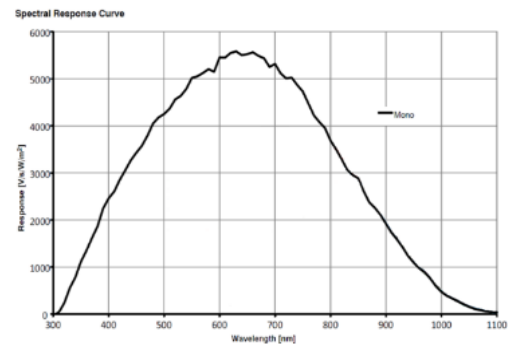
### Key Features

- Excellent sensor platform for high-speed image data acquisition
- With embedded code-reading algorithm, efficiently read barcode
- Various IO interfaces provide access for multiple input and output signals, support RS232 or RS485 serial port transmission protocol ,and fieldbus standard to connect with industrial equipment on site
- Multiple trigger modes (single-frame trigger, multiple-frame trigger), select image acquisition mode according to applications
- Various light source control, including additional on-camera light or external extended light control
- Support LED status indicator, log can be saved and exported
- Support specific formats of data output
- Support master-slave mode, to realize multi-machine linkage control
- IP67 protection level, it meets the requirements of strict industrial environment

### Application Scenarios

- Logistics barcode reading
- Factory automation

### Spectral Response



MV-SI622-3xGM Quantum Efficiency

### Order Models

Without LED light source and lens cover, with external light source interface: MV-SI622-30GM  
With LED light source, lens cover and external light source interface: MV-SI622-31GM



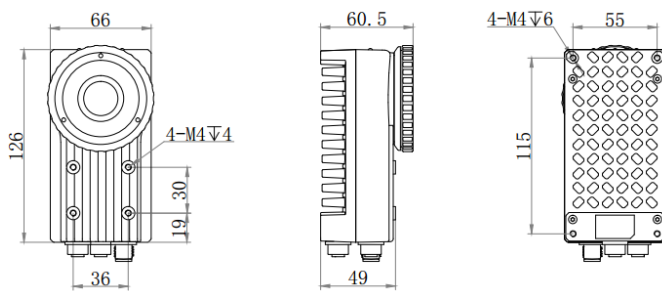
## Specifications

Model	MV-SI622-3xGM
Parameters	5MP, 1" CMOS, x86 Smart Code Reader
<b>Camera</b>	
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, RS232 serial port input ×1, RS232 serial port output ×1
Barcode Type	1-D code: Code 39, Code 93, Code 128, CodaBar 2-D code: QR, Micro QR, Datamatrix
<b>General</b>	
Power	9-24V DC
Power Dissipation	MV-SI622-30GM: < 15.0W@24VDC MV-SI622-31GM: < 34.0W@24VDC
Temperature	Working Temperature 0-50°C, Storage Temperature -30-70°C
Dimension	MV-SI622-30GM: 126mm×66mm×60.5mm MV-SI622-31GM: 126mm×66mm×113.2mm
Weight	MV-SI622-30GM: < 550g MV-SI622-31GM: < 750g
Lens Interface	C-Mount
Light Source, Lens Cover and External Extended Light Source/USB Interface	MV-SI622-30GM contains external light source interface but without LED light source and lens cover MV-SI622-31GM contains LED light source, lens cover and external light source interface
Software	SmartMVS
IP Protection Level	IP67 (with suitable lens cover)
Certification	CE, FCC, RoHS

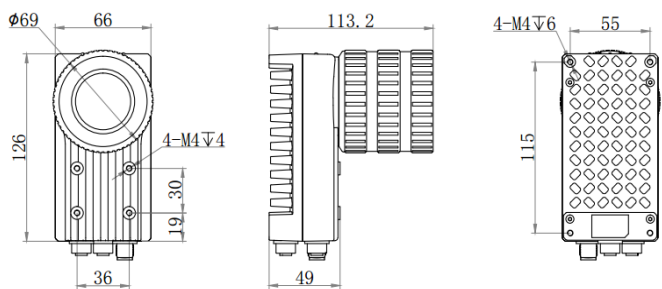
**Recommended Accessories**

- 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**



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