



MV-CH080-60GM

8MP; 4/3" CCD Gigabit Ethernet Camera

Key Features:

- 8Mega pixels, pixel size 5.5um
- Global shutter CCD with high dynamic range, high signal noise ratio. It is extremely good in image performance
- 128MB On board buffer, which could be used as image buffer for trigger several frames
- Gigabit Ethernet interface, which support GigE Vision protocol, which makes the camera transmit to about 100m without any relay
- Supports serial communication with RS232 or full duplex RS485
- M58 mount, could use F-mount lens or v-mount lens
- Compact design, flexible to assemble with several lock screws

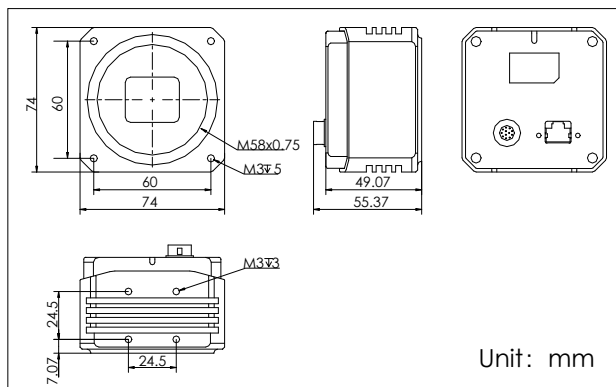
Typical Applications:

- SMT Auto optical inspection,
- PCB AOI,
- FPD inspection,
- Railway related applications;

Part No:

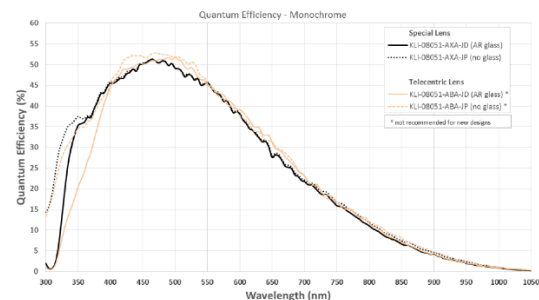
Mono: MV-CH080-60GM

Dimension:



Technical Specifications:

Part No	MV-CH080-60GM
Spec	8MP; CCD Gigabit Ethernet Camera
Camera	
Sensor	4/3" Global Shutter CCD
Resolution	3296×2472
Pixel Size	5.5μm×5.5μm
Frame Rate	14fps@3296×2742
Dynamic Range	66dB
SNR	>40dB
Gain Range	0-20dB
Exposure Time	50μs-1sec
Shutter Mode	Global Shutter; Auto-Exposure, Manual Exposure, One-key Exposure
Network	
General Purpose I/O	12Pin IO port that includes: 1 channel GPI, 1 channel GPO, 1 Bidirectional IO, 1 channel RS232, 1 channel full duplex RS485
Image Buffer	128MB
Data Format	Mono 8/10/10p/12/12p
General	
Power	Approx. 10.8W@12VDC; Voltage: 12VDC, support PoE, approx. 10.8W@48VDC
Temperature	Working Temperature 0~50℃, Storage Temperature -30~70℃
Humidity	20%~95%RH non-condensing
Dimension	74mm×74mm×49mm
Weight	Approx. 700g
Lens Interface	M58*0.75, Back focus distance 11.48mm±0.02mm, F mount or C mount lens supported with lens adapter
Software	MVS or Third-Party Software supporting GigE Vision Protocol
Operating System	Windows XP/7/8 32/64bits
Compliance	GigE Vision V1.2
Certification	CE, FCC, RoHS



MV-CH080-60GM Spectral Response

Accessories:

Power: 12VDC @1A power adapter

NIC: Intel Pro1000 and above version recommended

Network Cable: CAT5e or CAT6 network cable recommended