

GigE Cameras

Mars series GigE industrial cameras, equipped with the advanced high-end image sensor and covering a range of resolution from 0.3MP to 10MP, can meet various machine vision application requirements. Data transmission distance of Gigabit Ethernet can up to 100 meters without any relay equipment. Mars series GigE industrial cameras support a variety of operating mode, and after strict anti-interference test and quality control test, it shows a high stability feature to wok in complex environments.

- ▶ Support GeniCam™ and GigE Vision® Standard
- ▶ Compact Design, Save Installation Space
- ▶ Hard Industrial Shell Design
- ▶ Built-in Temperature, Power Supply Real-time Monitoring Sensor
- ▶ Professional SDK Provided
- ▶ Accord with CE, FCC, UL, RoHS certification



Lens Mount	C-Mount
Power Input	DC6-24v, POE
Power Consumption	12V=3.1W, POE=3.4W
Hardware Control	I/O input (external trigger), I/O output, Opto-couplers Isolation
Programmable Control	Image Resolution, RGB gain, Exposure Time, Contrast, Gamma Chart, Image Rollover, Raw,LUT, Black Level Correction
Operating System	Support Windows 2000, Windows XP, Windows7, Windows8, Windows 10 Support 32-bit and 64-bit operating system/Arm/Linux
Operating Temperature	-30~80°C (Storage) , -30~60°C (Working)
Dimension	42.0 mm × 29.0 mm × 29.0 mm (88g)



Model	Resolution	Maximum Frame Rate	Data Bits	Pixel Size (μm)	Format	Sensor Type	Exposure Mode	Exposure Time	SNR
Mars640-300GM Mars640-300GC	640 × 480	300 fps	8bit / 10bit	4.8 × 4.8	1/4"	PYTHON 300	Global Shutter	16μs~1s	>38dB
Mars640-120GM Mars640-120GC	640 × 480	120 fps	8bit / 10bit	4.8 × 4.8	1/4"	PYTHON 300	Global Shutter	16μs~1s	>38dB
Mars800-200GM Mars800-200GC	800 × 600	200 fps	8bit / 10bit	4.8 × 4.8	1/3.6"	PYTHON 500	Global Shutter	16μs~1s	>38dB
Mars800-120GM Mars800-120GC	800 × 600	120 fps	8bit / 10bit	4.8 × 4.8	1/3.6"	PYTHON 500	Global Shutter	16μs~1s	>38dB
Mars1300-75GM Mars1300-75GC	1280 × 1024	75 fps	8bit / 10bit	4.8 × 4.8	1/2"	PYTHON 1300	Global Shutter	16μs~1s	>38dB
Mars2000-50GM Mars2000-50GC	1920 × 1200	50 fps	8bit / 10bit	4.8 × 4.8	2/3"	PYTHON 2000	Global Shutter	16μs~1s	>38dB
Mars5000-20GM Mars5000-20GC	2592 × 2048	20 fps	8bit / 10bit	4.8 × 4.8	1"	PYTHON 5000	Global Shutter	16μs~1s	>38dB
Mars6000-18GM Mars6000-18GC	3072 × 2048	18 fps	8bit / 10bit / 12bit	2.4 × 2.4	1/1.8"	IMX178	Rolling Shutter	16μs~1s	>38dB
Mars3800-7GM Mars3800-7GC	3856 × 2764	7 fps	8bit / 10bit / 12bit	1.67 × 1.67	1/2.3"	MT9J003	Rolling Shutter	34μs~1s	>38dB

