

























CAMERA OVERVIEW

GigE Vision Area Scan	Resolution	Format	Frame Rate	Shutter	Sensor Type	Color/Mono
Mars640-300gm	640 x 480	1/4" @4.8µm	300 fps	Global	PYTHON 300	
Mars640-300gc	640 x 480	1/4" @4.8µm	300 fps	Global	PYTHON 300	
Mars640-120gm	640 x 480	1/4" @4.8µm	120 fps	Global	PYTHON 300	
Mars640-120gc	640 x 480	1/4" @4.8µm	120 fps	Global	PYTHON 300	
Mars800-200gm	800 x 600	1/3.6" @4.8µm	200 fps	Global	PYTHON 500	
Mars800-200gc	800 x 600	1/3.6" @4.8µm	200 fps	Global	PYTHON 500	
Mars800-120gm	800 x 600	1/3.6" @4.8µm	120 fps	Global	PYTHON 500	
Mars800-120gc	800 x 600	1/3.6" @4.8µm	120 fps	Global	PYTHON 500	
Mars1300-75gm	1280 x 1024	1/2" @4.8µm	75 fps	Global	PYTHON 1300	
Mars1300-75gc	1280 x 1024	1/2" @4.8µm	75 fps	Global	PYTHON 1300	
Mars1300-60gm-lite	1280 x 1024	1/2" @4.8µm	60 fps	Global	PYTHON 1300	
Mars2000-50gm	1920 x 1200	2/3" @4.8µm	50 fps	Global	PYTHON 2000	
Mars2000-50gc	1920 x 1200	2/3" @4.8µm	50 fps	Global	PYTHON 2000	
Mars5000-20gm	2592 x 2048	1" @4.8µm	20 fps	Global	PYTHON 5000	
Mars5000-20gc	2592 x 2048	1" @4.8µm	20 fps	Global	PYTHON 5000	
Mars6000-18gm	3072 x 2048	1/1.8" @2.4µm	20 fps	Rolling	IMX178	
Mars6000-18gc	3072 x 2048	1/1.8" @2.4µm	20 fps	Rolling	IMX178	
Mars3800-7gm	3856 x 2764	1/2.3" @1.67µm	7 fps	Rolling	MT9J003	

Note: All models above support power over Ethernet(POE), except Mars1300-60gm-lite.

USB3 Vision Area Scan	Resolution	Format	Frame Rate	Shutter	Sensor Type	Color/Mono
Mars640-815um	640 x 480	1/4" @4.8µm	815 fps	Global	PYTHON 300	
Mars640-815uc	640 x 480	1/4" @4.8µm	815 fps	Global	PYTHON 300	
Mars800-545um	800 x 600	1/3.6" @4.8µm	545 fps	Global	PYTHON 500	
Mars800-545uc	800 x 600	1/3.6" @4.8µm	545 fps	Global	PYTHON 500	
Mars1300-210um	1280 x 1024	1/2" @4.8µm	210 fps	Global	PYTHON 1300	
Mars1300-210uc	1280 x 1024	1/2" @4.8µm	210 fps	Global	PYTHON 1300	
Mars2000-150um	1920 x 1200	2/3" @4.8µm	150 fps	Global	PYTHON 2000	
Mars2000-150uc	1920 x 1200	2/3" @4.8µm	150 fps	Global	PYTHON 2000	
Mars5000-60um	2592 x 2048	1" @4.8µm	60 fps	Global	PYTHON 5000	
Mars5000-60uc	2592 x 2048	1" @4.8µm	60 fps	Global	PYTHON 5000	

Large Area Scan	Resolution	Format	Frame Rate	Shutter	Sensor Type	Color/Mono
Mars12M-9gm	4096 x 3072	4/3" @4.5µm	9 fps	Global	PYTHON 12000	●○
Mars25M-4gm	5120 x 5120	APS-H @4.5µm	4 fps	Global	PYTHON 25000	●○

Camera Link Area Scan	Resolution	Format	Frame Rate	Shutter	Sensor Type	Color/Mono
Mars2000-230cm	1920 x 1200	2/3" @4.8µm	230 fps	Global	PYTHON 2000	●○
Mars2000-230cc	1920 x 1200	2/3" @4.8µm	230 fps	Global	PYTHON 2000	●●●
Mars5000-100cm	2592 x 2048	1" @4.8µm	100 fps	Global	PYTHON 5000	●○
Mars5000-100cc	2592 x 2048	1" @4.8µm	100 fps	Global	PYTHON 5000	●●●

GigE Vision Line Scan	Resolution	Pixel Size	Line Rate	Data Bits	Lens Mount	Color/Mono
Mars2048-L50gm	2048 x 1	10 x 10µm	51kHz	8bit / 10bit /12bit	M42-Mount	●○
Mars4096-L28gm	4096 x 1	5 x 5µm	28kHz	8bit / 10bit /12bit	M42-Mount	●○

Camera Link Line Scan	Resolution	Pixel Size	Line Rate	Data Bits	Lens Mount	Color/Mono
Mars2048-L100CM	2048 x 1	10 x 10µm	100 kHz	8bit / 10bit	M42-Mount	●○
Mars2048-L80CC	2048 x 2	10 x 10µm	80 kHz	8bit / 10bit	M42-Mount	●●●
Mars4096-L100CM	4096 x 1	5 x 5µm	100 kHz	8bit / 10bit /12bit	M42-Mount	●○
Mars4096-L40CC	4096 x 2	5 x 5µm	40 kHz	8bit / 10bit /12bit	M42-Mount	●●●



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