

Model: MARS14H



Part Number		Mars14H
Image Sensor	Pixels	14M
	Resolution	4608*3072
	Frame Rate@Full Resolution	670
	Frame Rate@Partial Resolution	4608*2368 @800Hz 4608*1888 @1000Hz 4608*928 @2000Hz
	Frame Rate Adjustment	Adjustable
	Latency(ms)	2
	Type of Exposure	global
	Exposure Speed	settable
	Accuracy	±0.05mm
Track Performance and Range	Observation Distance(Non-Underwater Lens with 15mm diameter markers, Underwater Lens with 20mm diameter markers)	27m
	Active Marker Supported	Yes
Camera	Lens Specification	20mm
	Field of View(FOV)	68°*45°
	Aperture Adjustable	Yes
	Focus Adjustable	Yes
LEDs	Number	22
	Type	HLED
	Brightness Adjustable	Yes
	Wavelength	850nm
Interface and Power Supply	Connection Type	GigE/POE
	Power Consumption	25W
	Sync Interface	3.5mm AUX
	Sync Signal Output	Optional
Product Appearance and Operating Conditions	Shell Material	Metal
	Size	126mm*104mm*142mm
	Weight	1.22kg
	Mounting Hole	1/4"
	Number of Mounting Holes	2
	Temperature Range	-20°C to 65°C
	Humidity	< 80%
Others	Packaging	Eco-friendly, simple carton packaging
	Integration	Flexible, standard network cable connections for easy adaptability to different usage scenarios
	Heat Dissipation	Fanless passive heat dissipation structure, for silent operation, minimal dust accumulation, and optimal heat dissipation

Key Features

- Lightweight metal shell, effortless installation with versatile mounting options for diverse and challenging environments.
- Seamless integration with force plates, EMG devices, and more through TTL triggering.
- In-house research and development ensuring outstanding quality control and dedicated after-sales support.

