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
Track Performance and Range	
Accuracy	±0.05mm
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℃ to 65℃
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.