

Model: **MARS9HW UW**

Part Number		Mars9HW UW-6-50
Image Sensor	Pixels	9M
	Resolution	4250*2160
	Frame Rate@Full Resolution	300
	Frame Rate@High Speed	2000FPS
	Frame Rate Adjustment	Adjustable
	Latency(ms)	3.00
	Type of Exposure	global
	Exposure Speed	Settable
Track Performance and Range	Accuracy	±0.2mm
	Observation Distance (with 20mm diameter markers) ^{[1][2]}	10m
	Active Marker Supported	Yes
	Lens Specification	6mm
Camera	Field of View(FOV)	98°*50° (in the air) 69°*36° (underwater)
	Aperture Adjustable	No
	Focus Adjustable	No
	Number	24
LEDs	Type	HLED
	Brightness Adjustable	Yes
	Wavelength	460nm
Interface and Power Supply	Connection Type	DC
	Power Consumption	30W 24V Power Supply
	Sync Interface	Synchronization Interface Terminal
	Sync Signal Output	Optional
	Shell Material	Metal
Product Appearance and Operating Conditions	Size	159mm*159mm*232.5mm
	Weight	5.05kg (in the air) 1.41kg (underwater)
	Mounting Hole	N/A
	Number of Mounting Holes	N/A
	Temperature Range	-20°C to 65°C
	Humidity	Under water
	Design water depth	50 meters
Others	Packaging	Carton packaging

Key Features

- Underwater pressure tested, corrosion-resistant and waterproof shell, adapted to a variety of water quality.
- Compact size, easy to take and install, can be arranged in a narrow space.
- In-house research and development ensuring outstanding quality control and dedicated after-sales support.

Note

[1] Observation distance depends on marker diameter.

[2] To increase distance, add light source, use bigger or active markers.

