

Model: **MARS1.3H**

Part Number	Mars1.3HW-INTL	
<b>Image Sensor</b>	Pixels	1.3M
	Resolution	1280*1024
	Frame Rate@Full Resolution	240
	Frame Rate@Partial Resolution	Not Supported
	Frame Rate Adjustment	Adjustable
	Latency(ms)	4.00
	Type of Exposure	global
	Exposure Speed	Settable
<b>Track Performance and Range</b>	Accuracy	±0.3mm
	Observation Distance(with 15mm diameter markers) <sup>[1][2]</sup>	6m
	Active Marker Supported	Yes
<b>Camera</b>	Lens Specification	3.18mm
	Field of View(FOV)	95°*74°
	Aperture Adjustable	No
	Focus Adjustable	Yes
<b>LEDs</b>	Number <sup>[3]</sup>	14
	Type	HLED
	Brightness Adjustable	Yes
	Wavelength	850nm
<b>Interface and Power Supply</b>	Connection Type	GigE/POE
	Power Consumption	18W
	Sync Interface	RCA
	Sync Signal Output	Optional
<b>Product Appearance and Operating Conditions</b>	Shell Material	Metal
	Size	62*62*96mm
	Weight	0.285Kg
	Mounting Hole	1/4"
	Number of Mounting Holes	2
	Temperature Range	-20°C to 65°C
	Humidity	< 80%
	Outdoor	No
<b>Others</b>	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.

## Note

- [1] Observation distance depends on marker diameter.  
 [2] To increase distance, add light source, use bigger or active markers.  
 [3] LED number is customizable.

