

Model: **Tricam**



P/N		Orbit Tricam 1.3C
Image Sensor	Pixels	1.3M (x 3)
	Resolution ^[1]	1280*1024 (x 3)
	Frame Rate@Full Resolution ^[1]	120FPS
	Frame Rate@PartialResolution ^[1]	No
	Frame Rate Adjustment	Adjustable
	Latency(ms)	5.50
	Type of Exposure	global
	Exposure Speed	Settable
Track Performance and Range	Accuracy	±0.2mm
	Observation Distance (with15mm diameter markers) ^{[2][3]}	8m
	Active Marker Supported	Yes
Camera	Lens Specification	5.3mm
	Field of View(FOV)	53°*43°
	Aperture Adjustable	No
	Focus Adjustable	No
LEDs	Number ^[4]	14 (x 3)
	Type	HLED
	Brightness Adjustable	Yes
	Wavelength	850nm
Interface and Power Supply	Connection Type	GigE/POE
	Power Consumption	36W
	Sync Interface	RCA connector
	Sync Signal Output	Optiona
Product Appearance and Operating Conditions	Shell Materia	Metal
	Size	607*60*55mm (including base)
	Weight	1.6Kg
	Mounting Hole	1/4"
	Number of Mounting Holes	2
	Temperature Range	-20°C to 65°C
	Humidity	< 80%
	Outdoor	No
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 heatdissipation

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] Resolution and Frame Rate can be customized according to the actual requirements.

[2] Observation distance depends on marker diameter.

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

[4] LED number is customizable.

