



NEW MIQUS M5

Capture more with less

The Qualisys Miquis camera fits everything you need for your next motion capture project in a small and lightweight camera body.

Just like the Oqus, the Miquis cameras are designed to capture accurate mocap data with very low latency. It is just as suitable in small 3-camera systems as in large 100+ camera systems. This makes the Miquis suitable for a wide range of applications.

With daisy-chaining and combined power and Ethernet, setting up a mocap system has never been easier. The new connector means that a single cable that carries both data and power connects the line of cameras.

The Miquis is now available in three models:

Miquis M1, Miquis M3 and Miquis M5.

FEATURES

- High-speed motion capture
- Resolution: 1, 2 & 4 MP
- Wide field of view
- Low latency for real-time applications
- Fast setup with combined power & Ethernet
- Daisy-chaining (no switch required)
- Silent operation
- Identification LED-ring
- Kensington lock

TECHNICAL SPECIFICATIONS

Camera output modes	Marker coordinates / video preview
Marker support	Passive marker only
Camera body	Convection cooled, custom die-cast aluminum and polycarbonate
Strobe	Invisible infrared light (102 NIR LEDs @ 850 nm)
Connection	1-connector daisy-chained Gigabit Ethernet and power
External sync	Possible with external sync unit
Operating temperature	0-35 °C
Camera body	140 × 84 × 84 mm (5.5 × 3.3 × 3.3 inches) Weight: ~0.7 kg (1.54 lbs)
Calibrated video reference	Miqus Video - color & monochrome
Anti-theft	Kensington lock



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		Miqus M1	Miqus M3	Miqus M5
Normal mode (full FOV)	Pixels	1 MP	2 MP	4 MP
	Resolution	1216 × 800	1824 × 1088	2048 × 2048
	Frame rate	250 fps	340 fps	180 fps
High-speed mode (full FOV)	Pixels		0.5 MP	1 MP
	Resolution	N/A	912 × 544	1024 × 1024
	Frame rate		650 fps	360 fps
Camera latency		2.9 ms	2.9 ms	5.5 ms
System latency		5 ms	5 ms	7 ms
Standard lens (FOV)		58° × 40°	64° × 41°	49° × 49°
Optional (FOV) wide		N/A	80° × 53°	N/A
Optional (FOV) narrow		41° × 27°	44° × 27°	25° × 25°
Active filtering (improved outdoor support)		No	No	No
Sun filter		No	Yes	Yes
High-speed video option		No	No	No
Max range with 16 mm marker		10 m	15 m	18 m
Lens mount		C	C	C