QUALISYS
Motion Capture Systems



One Camera, Two Tracking Modes

The Miqus Hybrid camera offers the versatility to perform either marker-based tracking or markerless tracking, all within a single camera system.

MARKER-BASED OR MARKERLESS? YOUR CHOICE.

The dual-mode camera is capable of streaming full HD color video at 85 frames per second (fps) or marker data at 340 fps. Switching between marker-mode and video-mode is as simple as pressing a button in Qualisys Track Manager (QTM).

Miqus Hybrid streamlines the setup of multi-camera, markerless research projects, while offering the flexibility to switch to a marker-based solution when markerless methods are not applicable.

Use video-mode where markers are not practical, and switch to marker-mode when the measurement calls for greater precision.

FEATURES

- Both marker-based and markerless tracking
- Two modes: marker-mode or video-mode
- Switch with one button in QTM
- Marker stream: 2 MP @ 340 fps
- Video stream: 2 MP @ 85 fps
- Fast setup with combined power and Ethernet



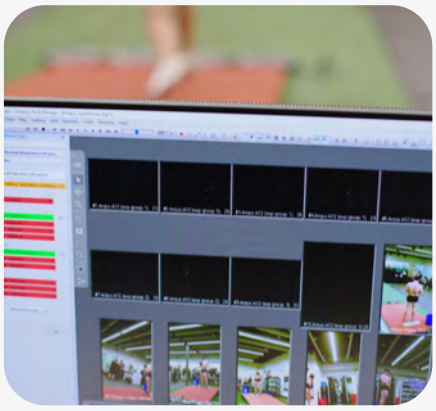
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Quick and Easy Setup

Power and Gigabit Ethernet share one daisy-chained cable, so multi-camera installations are quick to set up.



Hybrid Solution

Choose to perform either marker-based or markerless tracking. Switch modes from a button in QTM.



Markerless Integration

Run markerless without leaving QTM with a Prisma Pose license. Theia3D is also supported.

Technical Specifications

Strobe light	Infrared	
Filter	Dual band-pass	
Color	Yes	
Auto-exposure	Yes	
Connection	1-connector daisy-chained Gigabit Ethernet and power	
Operating temperature	0-35°C / 32-95°F	
Camera body	Die-cast aluminum and polycarbonate	
Weight	700 g / 1.5 lbs	
Field of View	**Standard**	61° x 37°
	Narrow	46° x 27°
	Wide	83° x 53°

MARKER MODE	**Resolution**	**Pixel Resolution**	**Capture Rate**
Normal mode full FOV	2MP	1920 × 1080	340 fps

VIDEO MODE	**Resolution**	**Pixel Resolution**	**Capture Rate**
Full HD / 2 MP	1080p	1920 × 1080	85 fps
HD / 1 MP	1080p	1920 × 1080	180 fps
0.5 MP	540p	960 × 540	330 fps
VGA	480p	640 x 480	550 fps

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