



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).

Miquis 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 the system in video-mode to quickly collect data from large groups or teams. If any notable asymmetries or anomalies are found, the system can switch to marker-mode for precise and targeted investigations—all in one flexible platform.

FEATURES

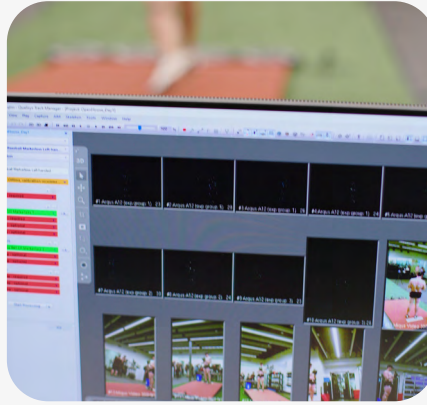
- Both marker-based and markerless tracking
- Two modes: marker-mode or video-mode
- Seamless QTM integration
- Marker stream: 2 MP @ 340 fps
- Video stream: 2 MP @ 85 fps
- Fast setup with combined power and Ethernet





Quick and Easy Setup

Combined power and Ethernet in a daisy-chained connection.



Hybrid Solution

Choose to perform either marker-based or markerless tracking.



Markerless Integration

Seamlessly integrate with Theia markerless software.

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	2 MP	1920 × 1088	340 fps

VIDEO-MODE	Resolution	Pixel Resolution	Capture Rate
Full HD / 2 MP	1080p	1920 × 1080	85 fps
HD / 1 MP	720p	1280 × 720	180 fps
0.5 MP	540p	960 × 540	330 fps
VGA	480p	640 × 480	550 fps