

MOTION CAPTURE SYSTEM



NOKOV

Applications in Movement Science



Guangzhou Sport University
Acquisition of motion data



Yueyang Hospital of Integrated Traditional Chinese and Western Medicine, Shanghai University of Traditional Chinese Medicine

Gait Analysis and Rehabilitation Evaluation

1 Movement Analysis

- Sports instruction
- Research, diagnostics, and prevention of motion injuries
- Sports equipment design and development
- Ergonomics

2 Sports Biomechanics

- Gait analysis
- Prosthetics and orthopedics
- Rehabilitation assessment
- Plastic surgery



MARS Series Motion Capture Camera

Designed for Movement Science and Focused on High-Performance Motion Capture



Model	Resolution	No. of Pixels	Frame Rate	Latency	FOV	Interface
Mars 2H	2048×1088	2.2MP	380FPS	2.4ms	70°×40°	GigE/POE
Mars 2HW	2048×1088	2.2MP	380FPS	2.4ms	104°×55°	GigE/POE
Mars 4H	2048×2048	4.1MP	180FPS	5.2ms	52°×52°	GigE/POE
Mars 12H	4096×3072	12MP	300FPS	3.0ms	67°×52°	GigE/POE

Customized models are also available upon request. For more information, please contact info@nokov.com.

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