

MOTION CAPTURE SYSTEM

A person is seen from behind, walking on a white path with black stripes. They are wearing a white t-shirt, grey shorts, and a black motion capture vest with a white control panel on the back. They also have sensors on their legs. The scene is set in a dark studio with several cameras on tripods around the path.

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 teaching
- Scientific Research and Diagnosis
- Prevention of Motion Injuries
- Design and Development of Sports Equipment
- Ergonomics

2 Sports Biomechanics

- Gait Analysis
- Prosthetics and Orthopedics
- Rehabilitation Evaluation
- Plastic Surgery



MARS Series Motion Capture Camera

Applicable to life science and specialized in the core performance of motion capture



Model	Resolution	No. of Pixels	Frame Rate	Latency	FOV	Interface
Mars 2H	2048×1088	2.2MP	380HZ	2.4ms	69°×40°	GigE/PoE
Mars 2HW	2048×1088	2.2MP	380HZ	2.4ms	104°×55°	GigE/PoE
Mars 4H	2048×2048	4.1MP	180HZ	5.2ms	52°×52°	GigE/PoE
Mars 12H	4096×3072	12MP	300HZ	3.0ms	67°×52°	GigE/PoE

We also offer customized models, please email us for more information.

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