

# PROMETHEUS



## Motion Capture Camera

- Maximum capture distance: 5m
- Frame rate: 110fps
- Resolution: 1280×1080
- Field of view: Horizontal FOV 83°, Vertical FOV 72°



## Motion Capture Suit

- Fabric: Lycra fabric that can repeatedly pasted more than 1000 times
- Size: Available in XS/S/M/L/XL and other selectable sizes
- Clothing includes: Hat, top, pants, shoe covers, etc.



## Feeler7

## Pair of Motion Capture Gloves

- Pose estimation accuracy: Roll<0.5°, Pitch<0.5°, Yaw <1°
- Transmission method: 2.4GHz/5.8GHz WiFi wireless transmission, with support for customizable frequency bands
- Supports multiple formats such as fbx, bvh, bvh\_max, bvh\_miku, c3d



## Facial Helmet Look Me

- Helmet weight: 1125g
- Material: Helmet body - Nylon material, Suspension - Aluminum alloy

## Motion Capture Software Avatar Lite



- Supports automatic/manual bone redirection of imported character models, with adjustable IK/FK values for bone joint rotation and position
- Supports Xmap/Bmap export/delete/add functions for character and rigid body characters, enabling quick use of existing redirection data
- Provides one-click, dynamic, and rule-based recognition methods for creating rigid bodies
- Supports multiple formats such as fbx, bvh, bvh\_max, bvh\_miku, c3d

## Product Advantages



### High cost-performance ratio, with a complete set available for just a few thousand dollars

This groundbreaking product is the result of the first-ever domestic research and production, providing an unparalleled level of accuracy. For just a few thousand dollars, you can own a complete and highly accurate optical motion capture system, allowing you to save costs while still achieving outstanding results.



### Real-time, high-precision motion capture for precise and real-time visual rendering

Featuring delicate precision in motion capture, smooth and stable data acquisition, and ultra-high definition resolution, our product boasts outstanding characteristics. These features enable our product to restore realistic movements and provide real-time synchronized capture.



### Strong usability, enabling seamless integration across multiple platforms

Open interface, real-time motion redirection, support for multiple data formats, and user-friendly operation.



### High utilization enabled by low space requirements

Minimum requirement of 3x3 meters, occupies small floor area, wide field of view (FOV), low environmental requirements, and can be installed in any ordinary indoor setting.

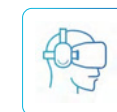
## A complete optical motion capture solution for LIGHTWEIGHT TEAMS and INDIVIDUAL USERS

Prometheus, the professional motion capture system developed by CHINGMU, subverts traditional optical motion capture systems and is more suitable for lightweight teams and individual users. The complete set of equipment can be assembled for just a few thousand dollars. Compared to optical motion capture systems at higher price points, Prometheus has outstanding advantages such as ultra-high precision real-time motion capture, high cost-effectiveness, small footprint, and ease of use, making it capable of meeting the needs of small to medium-sized animation teams, individual content creators, and other light-weight users.

## Application Areas



Digital human driving



Virtual live streaming



Film and animation production



Game animation production



Virtual idols



Virtual streamers