

We have concluded the Qualisys North America, Inc., a wholly owned subsidiary of Qualisys AB of Sweden, and the sole manufacturer and provider of such desires motion capture technology fulfills the requires supporting our current and future technological needs.

The following justification and sections is a summary of our findings.

### Hybrid Camera Features:



Qualisys has the ONLY mocap camera which can operate in an optical marker based mode, to be combined with other Hybrid cameras as well as the Aforementioned A26 Arqus. Both cameras feature the same sync pulse which enables cameras to over lap volumes and create the required multiple Zones.

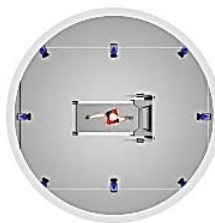
### Hybrid Camera Features

- Provide both marker based and Markerless Mocap capture abilities
- Seamless integration to Arqus cameras and the Qualisys Track Manager Software (QTM)
- Marker mode: 2mp/340hz
- Video Mode: 2mp / 85 hz full HD; 1mg / 180 hz HD; .5mp / 330 hz
- Multiple Lens combinations from 46, 61 and 83 degrees
- Dual pass filter
- NIR LED infrared strobing 850nm (no visible light)
- On screen switching from optical to video mode
- Power: 1 power supply per 3 cameras due to video cabling being Cat6 for data streaming
- Daisy chaining with 16 cameras being maximum
- Multiple computers can be networked to create a large volume Video or Optical mode of capture
- Simultaneous collection of “other Zoned” cameras to create marker mocap and Markerless mocap
- Infrared cameras are frame synchronize with any A/D configuration and to be able to capture at 650fps
- Camera system has integration capabilities with additional hardware, such as force plates, EMG, EEG, Eye Glasses, VR headwear,



#### Portable system

Fast setup with 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 and The Captury software.