

NICON



Active Wand

Accurate. Flexible. Intelligent.

Pioneering motion capture since 1984.

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Accurate. Flexible.
Intelligent.



Specifications

Width	240mm
Dual Wavelength LED	625 & 780nm
Total Battery Life	2.5 hours*
Average Battery Life	30 days**
Charging Time	4 Hours
Supported Frame Rate	>30Hz

*Continuous use. To prolong battery life, turn off the Active Wand when not in use.

**Based upon one calibration per day lasting five minutes.

Compatibility

Your Vicon Active Wand will work perfectly with:
Nexus 1.8 optical and reference video cameras
Blade 2 + optical cameras only

The Active Wand is the new Dynamic Calibration device from Vicon. Its active markers calibrate both optical and video reference cameras with unparalleled accuracy.

Accurate

The Vicon Active Wand is the world's first Dynamic Video Calibration device and has been engineered to work brilliantly with Bonita Video. Nexus users can achieve unparalleled accuracy with multi-plane video calibration across an entire volume.

There's no need for manual marker identification during reference video calibration – the Active Wand LEDs are tracked automatically in Nexus. The new combined wand wave calibrates your optical system and Bonita Video or Basler reference video cameras in one easy step. This simple process achieves a highly accurate result providing flawless HD video overlay across the entire volume.

Flexible

Calibrating your optical system couldn't be easier with the Active Wand. Two operating modes for different light conditions means you can calibrate your motion capture cameras whether you're in a hospital gait lab, a 200 camera studio or outside in the brilliant sunshine.

Intelligent

There's no need for manual marker identification during reference video calibration – the Active Wand LEDs are tracked intelligently in Nexus. An integrated Photodiode automatically synchronizes the wand to your optical cameras and the Intensity Control allows you to adjust the brightness of the LEDs, so you can adapt them for your specific working environment.

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