



Full body 3D running analysis

The Qualisys Running Module combines our high-end optical motion capture system with an advanced analysis engine and web application, enabling runners to view and share their report online.

At Qualisys, we are passionate about running. Using our cameras for running analyses has been a practiced application for decades, and in 2011, we decided to combine our camera system with a dedicated running analysis software and report.

Since its first stages, our running solution has transformed into a comprehensive product that is used worldwide, both in commercial and research environments. Examples of users include running stores, shoe manufacturers, physiotherapists and universities.

The purchase of a complete running solution includes all hardware and accessories, or you can add the Running Module to your existing Qualisys Track Manager software by purchasing a license for your current system.

FEATURES

- Lower body or full body analysis
- Proven, global track record
- Scalable solution from 5 to 10 or more cameras
- Web report included at no extra cost

PROCESS

Reflective markers are placed on the runner according to an anatomical guide that is included with the module. Recordings are made through a guided panel in the QTM software, making data collection quick and easy. Processing is started with the click of a button, and a comprehensive report is generated for the runner.

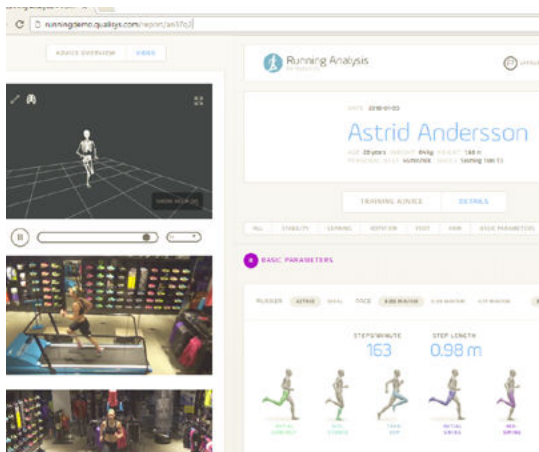
REPORT

Feedback is provided in a report displaying key parameters for appropriate running technique, such as pelvic rotation, knee angle, ankle flexion, foot contact and much more. Coaches can log on to the system to add advice or comments to the report.



PROCESSING ENGINE COMPARISON

Processing Engine	Treadmill running	Overground running	Walking/gait	Inclined treadmill	Instrumented treadmill
V3D	✓	✓	✓	✓	✓
QBE	✓	✗	✓	✗	✗



MODULE OPTIONS AND REQUIREMENTS

Module	Marker set	Cameras (min)	Room size (min)	Processing engine	Report
Running	Lower body	5	3 x 3 m	V3D	Microsoft Word
Running	Full body	9	4 x 4 m	V3D QBE	Web Report

SCALABLE SOLUTION

Choose between a lower body or full body analysis.

EFFICIENT WORKFLOW

Work seamlessly from capture to report and let the software do the post processing for you.

ONLINE BOOKING AND REPORTING¹

Upload reports, add training advice and share the finished report with the runner.

¹ Online report requires an active support agreement with Qualisys. Contact Qualisys for details.