



SAM Video – Fact Sheet

SAM Video is an Add-On included in the SAM PuttLab Studio Edition software.

The software allows automatic recording of high-speed video synchronized to PuttLab recordings.

Features

- Automated video recording triggered by PuttLab software
- Key points in the putting stroke will be automatically marked: Start / End of backswing / Impact / Follow through
- Pictures of key point positions will be extracted and send to PuttLab for display in Reports
- Videos will be loaded instantly when PuttLab loads a Report
- Synchronized playback and positions with SAM 3D-Putt software, all systems will show the same putt and the same position
- Wide range of cameras can be used from entry level to high end quality
- Basic drawing tools included to create overlay graphics
- Operation of main features by PuttLab Studio App (iOS)

Supported cameras

Currently SAM Video supports the following cameras:



IDS

Full range of USB and GigE cameras are supported.

<https://en.ids-imaging.com/>

USB cable length up to 10m.

FLIR



Full range of USB and GigE cameras are supported (all models compatible to FLIR Spinnaker driver).

<https://www.flir.com>

USB cable length up to 10m.

Logitech BRIO (USB 3 HQ webcam)



The Logitech BRIO is the cheapest solution to get high speed video up to 120 FPS. Optics is included, distortions are low and tripod mounting is possible. Camera is not ideal for recording fast movements, but for putting it is ok. Only downside is the cable length is only 1.8m / 6 ft. Cable extension to 6.5m / 21 ft is possible but active USB3 extension box is needed, cost for that is \$150.

Any other USB webcams

Additional to the cameras described above all USB Windows compatible webcams can be used with SAM Video (Microsoft / Logitech etc.).

System requirements

The system requirements are dependent on resolution and frame rate of the camera. In general live video recording requires higher CPU performance and system memory than just SAM PuttLab. Please contact Science & Motion if you need information.

Email: info@scienceandmotion.com Web: www.scienceandmotion.com
