

Supported cameras for SAM BalanceLab & SAM Video

Following cameras/interfaces are supported:

- all USB webcams that run on the Windows 10/11 system (Logitech, Microsoft, etc.)
Recommendation: Logitech BRIO
- All **FLIR** USB 3 cameras (<https://www.flir.com/iis/machine-vision>)
Recommendation: Blackfly S Series
Models: BFS-U3-16S2C (color) or BFS-U3-16S2M (monochrome)
Sony sensor and up to 225 FPS, Resolution 1440 x 1080
USB connector: USB 3 Micro B (screws)
(* for mount on tripod you need to order mounting adapter)
- All **Imaging Source** USB 3 cameras (<https://www.theimagingsource.com>)
Recommendation:
DFK 33UX273 (color) or DMK 33UX273 (monochrome)
Sony sensor and up to 240 FPS, Resolution 1440 x 1080
USB connector: USB 3 Micro B (screws)
- All **IDS** USB 3 cameras (<https://en.ids-imaging.com>)
Recommendation:
U3-3040 LE or SE Type. LE Type compatible with cheaper CS Mount optics!
Sony sensor and up to 230 FPS, Resolution 1456 x 1088
USB connector: USB C (no screws for LE type)
- Other cameras with Windows DirectShow driver support

Please note:

For cable lengths longer than 16ft / 5m it will be necessary to use hybrid USB 3 cables.
These cables run up to 64ft/20m but are quite expensive.
The webcams are limited to max. 24ft/8m in cable length

**Science & Motion Sports provides full camera packages with optics and tripods and cables.
If you are interested please send an email to:**

sales@scienceandmotion.com