## MaxTRAQ with Sentech USB3 Cameras

MaxTRAQ 2D or Lite+ with one or more Sentech cameras are video based 2D MoCap systems that can be used with or without markers.  We offer systems with frames rates from 30 up to 500 fps with resolutions from 1.3 MP to 5 MP in both monochrome and color.  The monochrome cameras with IR are best suited for marker tracking using reflective markers.

MaxTRAQ can record from up to 4 hardware synchronized  Sentech cameras.  Using the optional Sync Unit, the cameras will be precisely synchronized.  The cameras are connected using USB3 and each camera requires a dedicated USB3 port with power.  We offer extended USB3 cables for lengths up to 100m if the 15m standard USB length is not long enough.

### The following Sentech USB3 Cameras are supported by MaxTRAQ

| Model | | Resolution | | Max Frame Rate | | Sensor Size | Cell Size (HxV, µm) | Sensor | Lens Mount |
|---|---|---|---|---|---|---|---|---|---|
| STC-MBE132U3V STC-MCE132U3V | B/W Color | 1.3 MPix | 1280x1024 | 120 fps | (640x480) | 1/1.8" | 5.3 × 5.3 | EV76C560 | C |
| STC-MBCM200U3V STC-MCCM200U3V | B/W Color | 2.0 MPix | 2048x1088 | 500 fps | (640x348) | 2/3" | 5.5 × 5.5 | CMV2000 | C |
| STC-MBS241U3V STC-MCS241U3V | B/W Color | 2.3 MPix | 1920x1200 | 500 fps | (640x344) | 1/1.2" | 5.86 × 5.86 | IMX174 | C |
| STC-MBCM401U3V STC-MCCM401U3V | B/W Color | 4.0 MPix | 2048x2048 | 360 fps | (640x480) | 1" | 5.5 × 5.5 | CMV4000 | C |
| STC-MBA5MUSB3 STC-MCA5MUSB3 | B/W Color | 5.0 MPix | 2592x1944 | 200 fps | (636x300) | 1/2.5" | 3.45 × 3.45 | MT9P031 | C |