

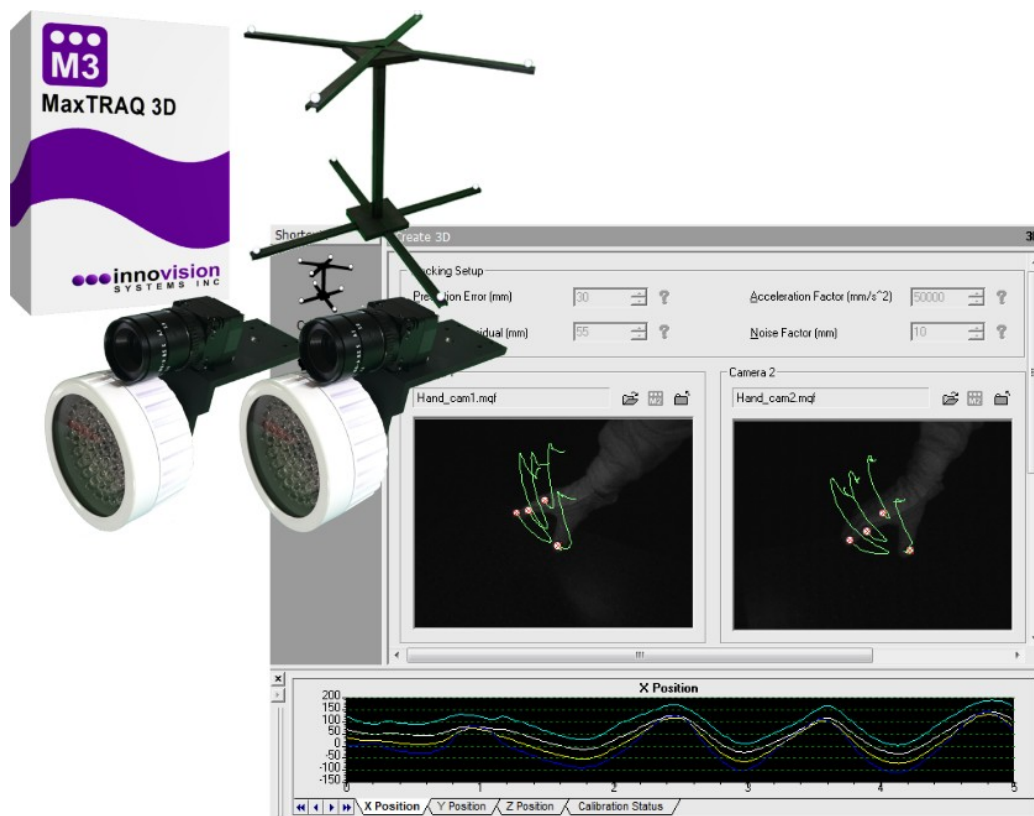
## MaxTRAQ 3D System with Sentech USB3 Cameras

MaxTRAQ 3D with up to 4 cameras is a flexible low cost 3D system. It uses MaxTRAQ 2D to record and track or digitize points, with or without markers, from multiple cameras that are then transformed into 3D. MaxTRAQ 3D saves files as C3D that can then be exported into ASCII files (TSV/CSV). Integrates with MaxA or other C3D/ASCII compatible software for further analysis.

MaxTRAQ 3D uses static calibration fixture for maximum camera flexibility. A dynamic wand calibration module is available as an option.

MaxTRAQ 3D supports several different Sentech camera models, with frame rates ranging from 30 to 500 fps and resolution from 1.3MP up to 5 MP. A monochrome camera equipped with IR creates a very affordable MoCap camera. Add the optional Sync Unit for precise hardware synchronization.

- Up to 4 Cameras
- Up to 99 Markers
- Static or Dynamic Wand Calibration
- Creates C3D and ASCII Files



The following Sentech USB3 Cameras are supported by MaxTRAQ

Model		Resolution		Max Frame Rate		Sensor Size	Cell Size (HxV, $\mu\text{m}$ )	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