



Camera type	fusionTrack™ 500	fusionTrack™ 250	spryTrack™ 180	spryTrack™ 300 IR	spryTrack™ 300 RGB
Size	528mm x 80mm x 88 mm	298mm x 90mm x 99mm	236.3mm x 60.3mm x 50.5mm	356.5mm x 60.5mm x 55mm	356.5mm x 60.5mm x 55mm
Weight	2.3kg	1.4kg	692g	1.07kg	1.07kg
Accuracy	0.11mm RMS up to 2.4m 0.22mm 95% CI up to 2.4m	0.09mm RMS up to 1.4m 0.18mm 95% CI up to 1.4m	0.19mm RMS up to 1.4m 0.36mm 95% CI up to 1.4m	0.14mm RMS up to 1.4m 0.27mm 95% CI up to 1.4m	0.14mm RMS up to 1.4m 0.27mm 95% CI up to 1.4m
Tracking volume	from 700mm to 2800mm	from 400mm to 2400mm	from 300mm to 1800m	from 400mm to 2400mm	from 400mm to 2400mm
Image acquisition	IR tracking images	IR tracking images	IR tracking images	IR tracking images 3D applications	IR tracking images 3D applications, RGB
Acquisition rate	335Hz	120Hz	54Hz	54Hz	54Hz
Latency	≈ 4ms	≈ 10ms	≈ 25ms	≈ 25ms	≈ 25ms
Mounting	4x M4 screws OR tripod 1/4-20 UNC	4x M4 screws	4x M3 screws	4x M3 screws	4x M3 screws
Generic extension port	Trigger in/out, timestamp retrieval, synchronization of multiple units	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Power requirements	Power over Ethernet+ (PoE+ IEEE 802.3at type 2): 42.5–57.0 V DC, 0.6 A max, 25.5 W max	Power over Ethernet+ (PoE+, IEEE 802.3at Type 2): 42.5–57.0 V DC, 0.6 A max, 25.5 W max	USB Power Delivery (15W): 5 V,3 A; 9 V,1.67 A; 12 V,1.25 A	USB Power Delivery (15W): 5 V,3 A; 9 V,1.67 A; 12 V,1.25 A	USB Power Delivery (15W): 5 V,3 A; 9 V,1.67 A; 12 V,1.25 A
SDK	C (DLL), C++, Python wrapper, Matlab wrapper	C (DLL), C++, Python wrapper, Matlab wrapper	C (DLL), C++, Python wrapper, Matlab wrapper	C (DLL), C++, Python wrapper, Matlab wrapper	C (DLL), C++, Python wrapper, Matlab wrapper
Max fiducials per marker	6	6	6	6	6
Max simultaneous markers	16	16	16 markers in USB 4 markers in BTLE	16 markers in USB 4 markers in BTLE	16 markers in USB 4 markers in BTLE

atracsys