






Optical tracking systems

PST trackers comparison



All trackers comparison



	PST Pico	PST Base	PST Base HD	PST Iris	PST Iris HD
					
	Huge workspace Close distance Limited accuracy	Small workspace Medium distance Medium accuracy	Medium workspace Medium distance High accuracy	Medium workspace Large distance Medium accuracy	Large workspace Large distance High accuracy
Tracking Distance	5 cm up to 1.5 m	20 cm up to 3 m	20 cm up to 3 m	50 cm up to 7 m	50 cm up to 7 m
Field of View	110° (horizontal) 100° (vertical)	60° (horizontal) 45° (vertical)	75° (horizontal) 70° (vertical)	65° (horizontal) 45° (vertical)	80° (horizontal) 70° (vertical)
Refresh Rate	Up to 55 Hz	Up to 120 Hz	Up to 200 Hz	Up to 120 Hz	Up to 200 Hz
Operating System	Windows 7, 8 and 10 (32 and 64 bit) and Linux (64 bit)	Windows 7, 8 and 10 (32 and 64 bit)	Windows 7, 8 and 10 (32 and 64 bit) and Linux (64 bit)	Windows 7, 8 and 10 (32 and 64 bit)	Windows 7, 8 and 10 (32 and 64 bit) and Linux (64 bit)
Hardware Interface	2x USB 3.0	1x USB 2.0	2x USB 3.0	1x USB 2.0	2x USB 3.0
Multi PST Setup	No	Yes	No	Yes	No
Latency	n/a	15-25 ms	15-25 ms	15-25 ms	15-25 ms
Power Consumption	Max. 15 W	Max. 12 W	Max. 12 W	Max. 12 W	Max. 12 W
Dimensions (W x H x D)	15 x 4 x 4 cm	31 x 6 x 14 cm	31 x 6 x 14 cm	50.5 x 6 x 9.5 cm	50.5 x 6 x 9.5 cm
Weight	Approx. 0.5 kg	Approx. 1 kg	Approx. 1 kg	Approx. 1.2 kg	Approx. 1.2 kg