

# Optical tracking systems

## *PST trackers comparison*



pst pico



pst base



pst base HD



pst iris








pst iris HD



# 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 work- space Medium dis- tance High accuracy	Medium work- space Large distance Medium accuracy	Large workspace Large distance High accuracy
<b>Tracking Distance</b>	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
<b>Field of View</b>	110° (horizontal) 100° (vertical)	60° (horizontal) 45° (vertical)	75° (horizontal) 70° (vertical)	65° (horizontal) 45° (vertical)	80° (horizontal) 70° (vertical)
<b>Refresh Rate</b>	Up to 55 Hz	Up to 120 Hz	Up to 200 Hz	Up to 120 Hz	Up to 200 Hz
<b>Operating System</b>	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)
<b>Hardware Interface</b>	2x USB 3.0	1x USB 2.0	2x USB 3.0	1x USB 2.0	2x USB 3.0
<b>Multi PST Setup</b>	No	Yes	No	Yes	No
<b>Latency</b>	n/a	15-25 ms	15-25 ms	15-25 ms	15-25 ms
<b>Power Consumption</b>	Max. 15 W	Max. 12 W	Max. 12 W	Max. 12 W	Max. 12 W
<b>Dimensions (W x H x D)</b>	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
<b>Weight</b>	Approx. 0.5 kg	Approx. 1 kg	Approx. 1 kg	Approx. 1.2 kg	Approx. 1.2 kg