



NaturalPoint OptiTrack V120

NaturalPoint OptiTrack V120 is a series of advanced motion tracking cameras that offer high precision and accuracy in capturing data. Equipped with two or three cameras with a resolution of 640×480 pixels, V120 cameras allow for simultaneous tracking of multiple points in space. The variety of available camera models allows for customization to specific applications, depending on the size of the monitored area, precision requirements, speed, or desired field of view. OptiTrack cameras are i...

Models comparison:

Model	OptiTrack V120 Duo	OptiTrack V120 Trio
Resolution	640×480 (x2)	640×480 (x3)
Native Frame Rate	120Hz	120Hz
Latency	8,3ms	8,3ms
3D Accuracy*	+/- 0,5mm	+/- 0,5mm
Passive markers range	6m	6m
Filter & Lens	– Stock Lens: 47° × 43° FOV (3.5mm)	– Optional Filter Switcher – Stock Lens: 47° × 43° FOV (3.5mm)
Global shutter	– Default Speed: 1ms – Maximum speed: 0,01ms	– Default Speed: 1ms – Maximum speed: 0,01ms
Dimensions	27,94 x 4,06 x 5,08 cm	58,52 x 4,06 x 5,08 cm

Weight	0,6 kg	1,3 kg
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* 3D accuracy referenced is typical for a 9m×9m tracking area. Range is estimated using a 14 mm marker with cameras at an exposure of 800, gain of 6, and the lowest f-stop.