



## NaturalPoint OptiTrack Flex

NaturalPoint OptiTrack Flex cameras stand out for their flexibility of mounting, high performance, and affordability. With their design, they can be easily adapted to various environments and needs, providing greater freedom in setting up motion tracking systems. The variety of available camera models allows for equipment customization based on specific applications, depending on the size of the monitored area, precision requirements, speed, or desired field of view. OptiTrack cameras are indis...

### Models comparison:

| Model                 | OptiTrack Flex 13                                                                                                                                                                                     | OptiTrack Flex 3                                                                                                                                                                                      |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Resolution            | 1280×1024                                                                                                                                                                                             | 640×480                                                                                                                                                                                               |
| Native Frame Rate     | 120Hz                                                                                                                                                                                                 | 100Hz                                                                                                                                                                                                 |
| Latency               | 8,3ms                                                                                                                                                                                                 | 10ms                                                                                                                                                                                                  |
| 3D Accuracy*          | +/- 0,2mm                                                                                                                                                                                             | +/- 0,5mm                                                                                                                                                                                             |
| Passive markers range | 9m                                                                                                                                                                                                    | 6m                                                                                                                                                                                                    |
| Filter & Lens         | <ul style="list-style-type: none"> <li>- Optional Filter Switcher</li> <li>- Adjustable focus</li> <li>- Stock Lens: 56° × 46° FOV (5.5mm)</li> <li>- Optional Lens: 42° × 34° FOV (8.0mm)</li> </ul> | <ul style="list-style-type: none"> <li>- Optional Filter Switcher</li> <li>- Adjustable focus</li> <li>- Stock Lens: 46° × 35° FOV (4.5mm)</li> <li>- Optional Lens: 58° × 45° FOV (3.5mm)</li> </ul> |

|                       |                                                                                                                                                          |                                                                                                         |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Global shutter</b> | <ul style="list-style-type: none"> <li>- Default speed: 0,25ms</li> <li>- Minimum Speed: 0,01ms</li> <li>- Maximum Speed:<br/>7,6ms at 120fps</li> </ul> | <ul style="list-style-type: none"> <li>- Default Speed: 1ms</li> <li>- Minimum Speed: 0,01ms</li> </ul> |
| <b>Dimensions</b>     | 5,38 x 8,1 x 4,24 cm                                                                                                                                     | 4,52 x 7,47 x 3,66 cm                                                                                   |
| <b>Weight</b>         | 0,19 kg                                                                                                                                                  | 0,1 kg                                                                                                  |

\* 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.