

VICON VERTEX

Vertex

Big Mocap for Small Spaces



Vicon Vertex
Flexible. Clean. Reliable.



Vertex has been designed specifically for use in small spaces, which makes it ideal for:

- Ergonomics
- Training
- CAVEs
- Powerwall applications
- Immersive reality
- Augmented reality
- Simulation
- Animal studies

Industry Tested

Driven by the challenging requirements from the major automotive OEMs, Vertex has been thoroughly tested and approved by their teams. It offers one of the smallest form factors for motion tracking on the market, coupled with the reliability that you expect from a Vicon product.

Like its bigger brother, Vero, Vertex has on-board sensors that monitor camera position and temperature to ensure optimal performance at all times. These sensors, coupled with the accelerometer, help speed up setup, configuration and overall system monitoring.

Clean

Vertex cameras, like the rest of the Vicon range, help you to produce clean and usable data.

Flexibility

The camera head can be mounted up to 2 m away from the body, to allow for maximum flexibility, especially for installation in difficult and restricted spaces.

Performance

With an industry-leading 1.3 MP @ 120 fps, Vertex captures diverse types of motion, from the smallest movement to full body interaction.

Compatibility

Vertex is compatible with Vicon T-Series, Bonita, Vantage and Vero systems, and with Vicon Vue video cameras.

Contact us today to book a demo or find out more.
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Oxford.
 Denver.
 Los Angeles.
 Auckland.



Technical Specifications

| Technical Specifications | Vertex |
|---------------------------------------|---------------------------------------|
| Resolution | 1.3 MP 1280 * 1024 |
| Frame Rate (Full Frame) fps | 120 |
| Pixel Shutter Type | Global |
| Lens | 4 mm fixed focal length M12 lens |
| Effective FOV (H x V) deg | W: 90 x V: 75 |
| Strobe | 850nm IR |
| Power Consumption | 12 W |
| Connectivity | RJ45/Cat5e |
| Weight | 575 g |
| Body external dimensions H x W x D: | 83 x 80 x 78 mm excluding cable mount |
| Camera external dimensions H x W x D: | 50 x 50 x 48 mm excluding cable mount |