

VICON VERO



VICON VERO X



VICON VUE



VICON VERTEX



VICON
VERO FAMILY

VICON

Add the Vero range to your pipeline.
Contact us today to book a demo or find out more.

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VERO

VERO X

With the best resolution/speed/price offering on the market, Vicon Vero is the latest optical camera from Vicon. Building on the success of Vantage, Vero combines market-leading resolution and speed at an unrivaled price point. Like its bigger brother, Vantage, Vero has onboard sensors that monitor camera position and temperature.

Vero is suitable for a wide range of applications in small- to medium-sized volumes

- Ergonomics
- Training
- Injury prevention
- Synthetic environments
- Static facial capture
- Immersive reality
- Virtual prototyping
- Simulation
- Visualization
- Animation
- Gait analysis
- Sports biomechanics
- Animal studies
- Rehabilitation
- Virtual camera tracking

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 other current Vicon cameras, Vertex has onboard 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.

Technical Specifications	Vertex
Resolution	1.3 MP 1280 * 1024
Frame Rate (Full Frame) FPS	120
Pixel Shutter Type	Global
Lens	Vicon 4 mm fixed focal length M12 lens
Minimum FOV (H x V) degrees: Wide -	W: 100.6 x 81.1
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 78mm excluding cable mount
Camera external dimensions H x W x D:	50 x 50 x 48mm excluding cable mount

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



VUE

Vicon Vue, a fully synchronized plug-and-play video camera. Designed by Vicon to enable you to capture fully calibrated video of the motion capture volume. 3D overlay in your Vicon software provides immediate visual data verification.



Technical Specifications	Vero v13	Vero v2.2	Vero X
Resolution	1.3MP 1280 * 1024	2.2MP 2048 * 1088	1.3MP 1280 * 1024
Frame Rate (Full Frame) FPS	250	330	250
Pixel Shutter Type	Global	Global	Global
Lens	Vicon 6-12mm varifocal	Vicon 6-12mm varifocal	4mm fixed focal length
Minimum FOV (H x V) degrees:			
Wide -	W: 55.2 x 43.9	W: 98.1 x 50.1	W: 79.0 x 67.6
Tele -	T: 27.2 x 21.8	T: 44.1 x 23.6	
Strobe	850nm 'IR'	850nm 'IR'	850nm 'IR'
Power Consumption	12W	12W	12W
Connectivity	RJ45/Cat5e	RJ45/Cat5e	RJ45/Cat5e
Weight	575g	575g	560g
Camera external dimensions	HxWxD: 83 x 80 x 135 mm	HxWxD: 83 x 80 x 135 mm	HxWxD: 83 x 80 x 112 mm

Technical Specifications	Vue
Resolution	2.1 MP 1920 * 1080
Frame Rate (Min)	30 FPS
Frame Rate (Full Frame) at 1080p	60 FPS
Frame Rate 720p	120 FPS
Lens	Vicon 6-12 mm Varifocal
Minimum FOV (H x V) degrees:	
Wide -	W: 98.1 x 50.1 deg
Tele -	T: 44.1 x 23.6 deg
Max Power Consumption	12 W
Connectivity	Single RJ45 connection for Cat5e cabling carrying power and data
Weight	512 g
Camera external dimensions	HxWxD: 83 x 80 x 125 mm