

NICON \ V E R O

**INCREDIBLE
PERFORMANCE.**

**ACCESSIBLE
PRICING.**

NO COMPROMISES.



NICON VERO

Powerful, compact and flexible, Vero allows users in life sciences, entertainment, engineering and virtual reality to maximize the potential of their capture volumes at an unmatched price point.

Vero's super-wide field of view and compact build makes it ideal for users needing to make the most of a tight space, while its compatibility with other Vicon hardware makes it the perfect camera to expand your existing system.



UNCOMPROMISING PERFORMANCE

Vero combines advanced technology informed by the success of Vicon Vantage with high speeds and a compact form factor.

With an industry-leading 2.2 MPX at 330 FPS, Vero can capture fast-moving subjects such as athletes and drones or multiple performers/objects with very low latency.

While Vero is Vicon's most nimble camera, it still offers users an incredibly deep well of data. Alongside processed data, Vero preserves your greyscale so that you have the flexibility to apply your own algorithms to your raw data.

SIMPLE, INTUITIVE OPERATION

Vero is built to provide optimal performance with minimal input. An entire system of Vero cameras can be run by a single operator thanks to the combination of an intuitive iOS app and a series of features that prevents errors before they occur.

Vero's onboard accelerometer enables users to select a camera with a tap, as well as telling the unit where it is within the system so it can inform you when it needs recalibration.

Autoheal technology detects bumps, automatically correcting misalignments for unbreakable tracking.

Similarly, temperature sensors detect changes that could affect system performance, enabling operators to proactively recalibrate and maintain data quality at all times.

At a hardware level, each camera has its own cable so that you can run your session secure in the knowledge that your system will keep running regardless of any individual issues.

MARKET-BEATING PRICE POINT

Vero's leading-edge technology comes at an accessible price point. Users managing a tight budget will be able to put Vero to work without compromising on performance.

Compatible with Nexus, Shōgun and Tracker, Vero can work as a multi-disciplinary tool in organizations such as universities that seek to use it for more than one application.

A PERFECT ADDITION TO YOUR EXISTING VICON SYSTEM

Vero is compatible with Vantage, Bonita and T-Series cameras, making it a convenient way to upgrade your existing system.

Alternatively, Vero is an ideal choice for customers who anticipate expanding, adapting or enhancing their system at a later date.

THE FLEXIBILITY TO CAPTURE ANY VOLUME

Vero's super-wide, variable-focus lens gives you an optimized field of view and its powerful strobe offers incredible range, while its compact form factor makes it easy to mount.

The result is a camera that performs well whatever the size and shape of your volume, regardless of application.

VERO V1.3X OFFERS MARKET-LEADING FIELD OF VIEW

For Vero users who need to maximize the size of their capture volume within a limited space, Vero 1.3X has the model's widest field of view yet, enabling users to do full-body tracking at short range.

For customers operating VR CAVEs or just seeking to capture in a limited space without compromising on coverage, the Vero v1.3X has a larger field of view and tracks people from head to toe at shorter distances.



VERO TECH SPEC

| Technical Spec | Vero v1.3 | Vero v2.2 | Vero v1.3X |
|------------------------------|------------------------|------------------------|------------------------|
| 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 439 | W: 98.1 x 50.1 | W: 79 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 135mm | HxWxD: 83 x 80 x 135mm | HxWxD: 83 x 80 x 112mm |

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