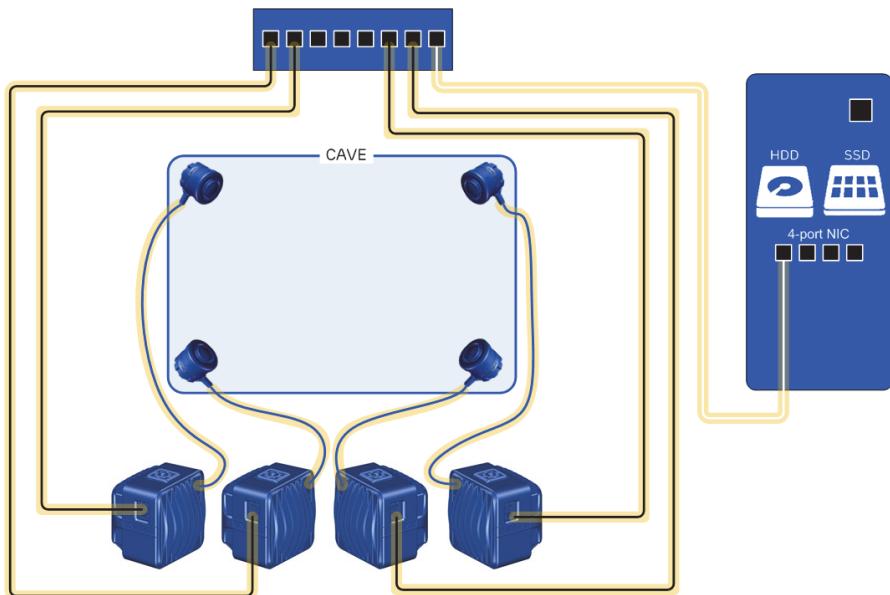


VICON Vertex

Quick Start Guide

Hardware: Mount. Cables. Connect.

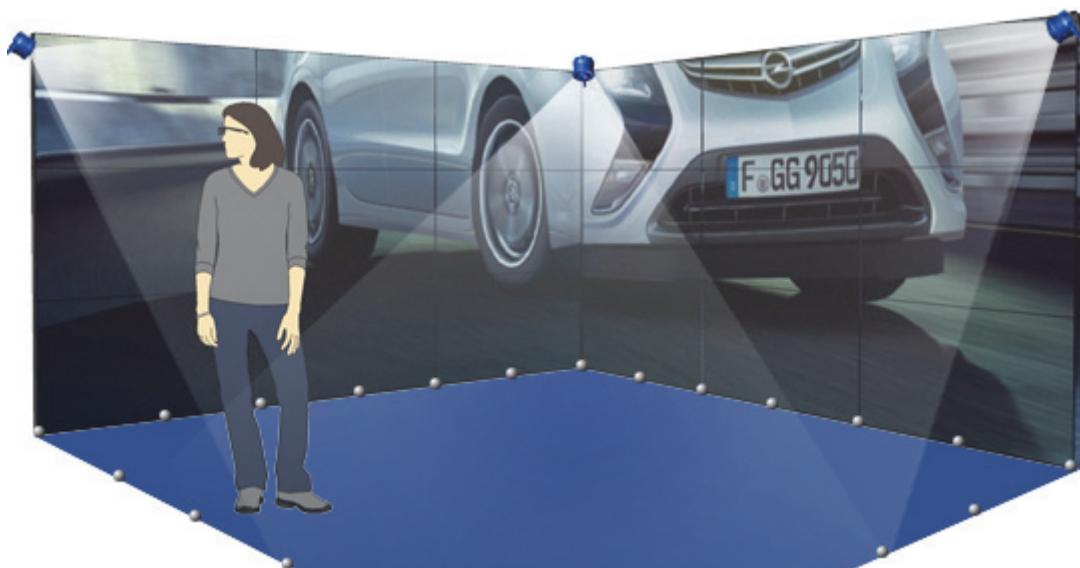


Warning: Under normal operation in elevated ambient conditions, the camera's heat sink temperature can exceed 56°C. During and after camera operation, do not touch the heat sink for longer than 1 second.

Volume: Visualize. Set up. Aim.

Lay out markers, or use your preferred method to define the desired volume.

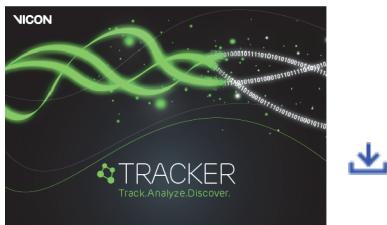
Point the cameras to provide roughly the required coverage. You will be able to refine camera aiming later, using your Vicon software.



For easy system setup, use the Vicon Control app 
See vicon.com/products/software/vicon-control.

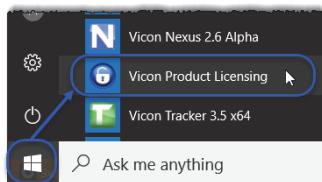
Software: Download. Install. License.

- 1 www.vicon.com/downloads (Vicon Tracker 3.5, Vicon Shōgun 1.1, or later)

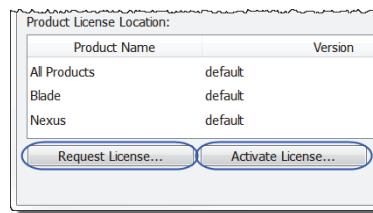


For details on installing and licensing, see your Vicon software documentation.

- 2 Run SETUP.EXE.
- 3 Click the Windows button or Start button, then Vicon Product Licensing.



- 4 Request a license, save it to a suitable location and activate it.



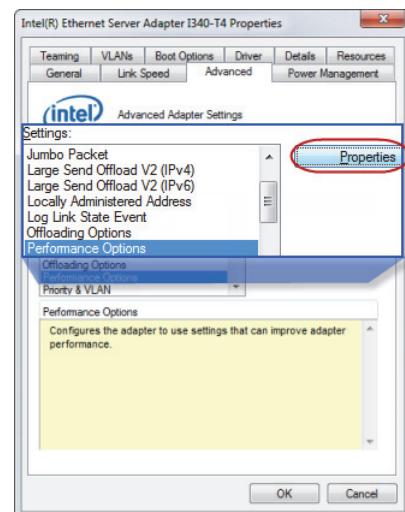
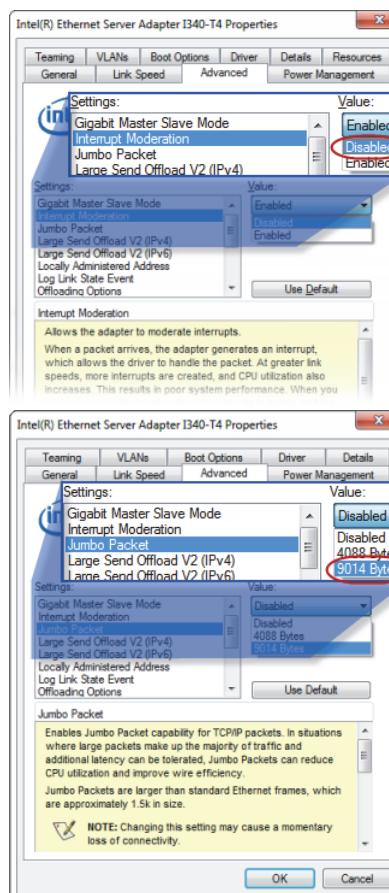
Need more help?

Visit www.vicon.com/faqs.

System: Administrator. IP address. Adapter settings.

Important: Ensure you are logged on as Administrator.

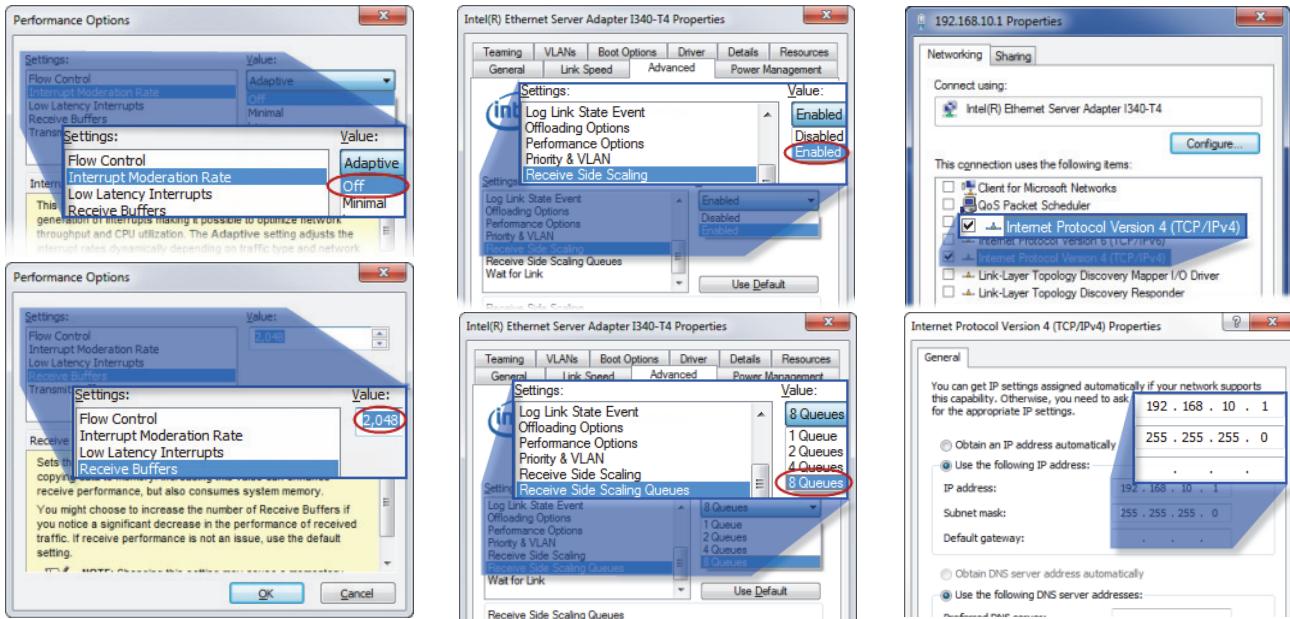
- 1 Open the Network Connections window.
- 2 Right-click on the network port that connects to the PoE switch and click Properties.
- 3 In the Properties dialog box, click Configure and then the Advanced tab.
- 4 In the Settings list, ensure the values shown (in the images on the right and the first two columns on page 3) are selected, then click OK to close the dialog box.
- 5 Repeat step 2 to re-open the Properties dialog box.
- 6 Ensure only Internet Protocol Version 4 is checked (see page 3, last column) and click the Properties button.



- 7 Specify the IP address 192.168.10.1 and subnet mask 255.255.255.0 (see page 3, last column) and click OK.

For detailed guidance on system setup, download the Vicon PDF, [PC Setup for Vicon systems](#).

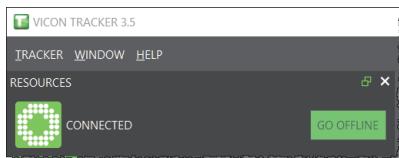
System (cont.): Administrator. IP address. Adapter settings.



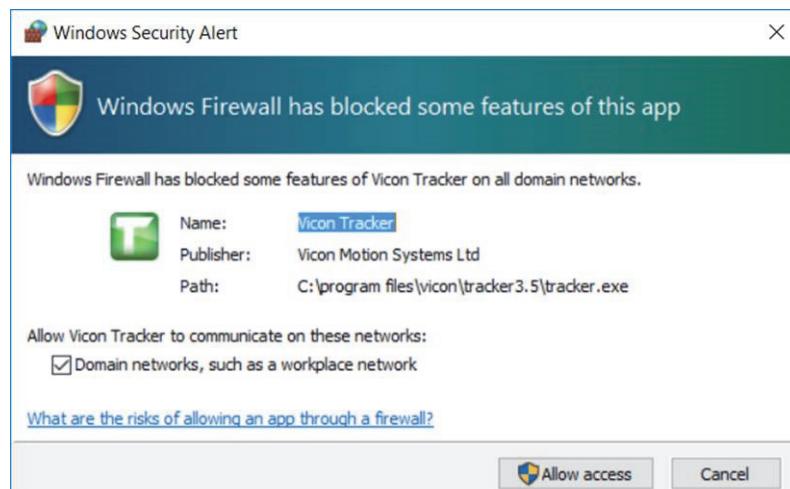
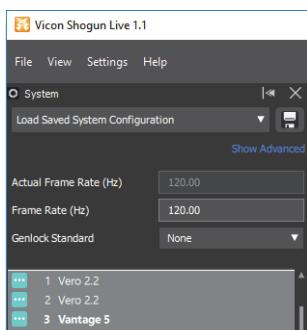
Run: Start software. Unblock firewall. Connect.



- 1 Start your Vicon software, ensure that it is not blocked by a firewall, click Go Live or Connect so the system is live.



- 2 In the System Resources pane (or in Shōgun, the System panel), Shift+click to select all the cameras.



- 3 In the Properties pane (or in Shōgun, the bottom of the System panel), change Grayscale Mode to All.

- 4 In the System Resources pane (or in Shōgun, the System panel), select a camera.

- 5 Change the View pane to Camera view.

Vertex in larger volumes

The camera is configured for use in small volumes. To obtain useful data in larger volumes, at distances greater than 1 m (up to the maximum recommended range of 4.5 m), you may need to increase Gain (an Advanced parameter in your Vicon software).

Contact Vicon



[youtube.com/vicon](https://www.youtube.com/vicon)

[facebook.com/vicon](https://www.facebook.com/vicon)

[twitter.com/vicon](https://www.twitter.com/vicon)

[instagram.com/viconmocap](https://www.instagram.com/viconmocap)

[linkedin.com/company/vicon](https://www.linkedin.com/company/vicon)

vicon.com/products/camera-systems/vero

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T:+44.1865.261800

Los Angeles, CA

T:310.437.4499

Regulatory information

Radio and television interference

The following topics contain information concerning compliance with regulations of radio and television interference:

- | For United States of America customers
- | For Canadian customers

For United States of America customers

Federal Communications Commission (FCC) Part 15 Information

 This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules (CFR 47:Part 15:B:2015). These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can

radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Vicon Motion Systems Ltd is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the

following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For Canadian customers

Conformity to the Canadian Interference-Causing Equipment Regulations

This Class A digital apparatus meets the requirements of the Canadian Interference-Causing Equipment Regulations ICES-003:2004.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada ICES-003:2004.

Environmental regulations (European Union customers)

This section lists the directives that apply to Vicon Vertex systems.

Important

This information applies only to European Union member states.

Vicon meets these European Commission directives concerning waste electrical and electronic equipment:

- | Directives 2002/95/EC and 2011/65/EU (for details, see [Restriction of the use of certain hazardous substances in electrical and electronic equipment – RoHS and recast \(RoHS 2\)](#)).
- | REACH Declaration of Conformity
- | Directive 2002/96/EC (for details, see [Waste Electrical and Electronic Equipment \(WEEE\)](#)).

Restriction of the use of certain hazardous substances in electrical and electronic equipment – RoHS and recast (RoHS 2)

This equipment is fully RoHS- and RoHS 2-compliant. RoHS Directive 2002/95/EC provides that new electrical and electronic equipment put on the market for the first time from 1 July 2006 should not contain lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls (PBB), or polybrominated diphenyl ethers (PBDE). The European Union Directive [2011/65/EU](#) provides that new electrical and electronic equipment put on the market for the first time from 3rd January 2014 shall not contain more than permitted levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls (PBB), or polybrominated diphenyl ethers (PBDE; PentaBDE, OctaBDE; DecaBDE), Mercury (Hg).

REACH Declaration of Conformity

Vicon Motion Systems Ltd is a manufacturer of electronic hardware. We are therefore considered a "downstream user" as far as the REACH document is concerned. Vicon Motion Systems Ltd is therefore not obligated to register with the European Agency for Chemicals 'ECHA'.

Products sold by Vicon Motion Systems Ltd are "articles" as defined in REACH (Article 3 Definitions). Moreover and under normal and reasonably foreseeable circumstances of application, the articles supplied shall not release any substance. For that, Vicon Motion Systems Ltd is neither obligatory for registration nor for the creation of material safety data sheets.

In order to assure our customers of the continual supply of reliable and safe products, we ensure that our suppliers fulfill all requirements regarding chemical substances and prepared materials.

Waste Electrical and Electronic Equipment (WEEE)

(Applicable in the European Union and other European countries with separate collection systems)



The use of the symbol as a marking on the equipment, accessories or literature indicates that this product and its electronic accessories (e.g. USB cable) may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

Household users should contact either the retailer where they purchased this device, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchasing contract. This device and its electronic accessories should not be mixed with other commercial waste for disposal.

EU Declaration of Conformity (Vicon Vertex cameras)



Declaration of Conformity

Electromagnetic Compatibility to EMC Directive 2004/108/EC
Electrical Safety to Low Voltage Directive 2006/95/EC.

We, Vicon Motion Systems Limited
Unit 6, Oxford Industrial Estate
Yarnton OX5 1QU
UNITED KINGDOM

declare that the VICON VERTEX Cameras manufactured by VICON MOTION SYSTEMS LIMITED have been tested and demonstrated that all products of its own manufacture meet 2004/108/EC as electrical equipment for measurement, control and laboratory use:

Electromagnetic Compatibility to:
EN61326-1:2013

General Requirements for Safety to:
Cameras EN60601-1:2006 + A12:2014
Network Hub UL60950-1, 2nd Edition

Thomas Shannon, TD PhD FIE (Aust), CPEng (Biomed.)
Director of Compliance
22nd February 2018

Not for use as a medical device, in an operating theater, anesthetic gas environment, or oxygen-rich environments. Not for use where there is a risk of compromising the essential performance of medical electrical equipment. Not suitable for use in high magnetic flux, ionizing radiation, sterile, or life- or safety-critical environments.

About your Vicon camera packaging

The box in which your new Vicon camera arrived has a specially formed foam insert that holds the camera. This insert is made of a protective material that prevents most damage that could be caused during shipping.

Vicon recommends that you retain this box as it provides the most convenient and safe way to ship your camera(s) in future.