ORIGIN

Origin system safety and regulatory information

Contents

Vicon Motion Systems is an Oxford Metrics plc company.
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www.originbyvicon.com

A RANGE OF LOCATION BASED VR PRODUCTS BY VICON

Except where noted, the terms “device” or “wireless device” used in this section refer to your Vicon Beacon Model MSU1 and sets of Vicon Pulsar LED Cluster Model P1 wearable products.

Read this information before using your device.

Radio and television interference regulatory information (Beacon/Pulsar)

These sections contain information concerning compliance of Vicon Beacon and Vicon Pulsar devices with regulations about radio and television interference.

For United States of America customers

Federal Communications Commission (FCC) Part 15 Information

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Vicon Motion Systems Ltd could void your authority to operate the device. This device complies with part 15 of the FCC Rules. Operation is subject to the 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.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15(c) of the FCC CFR47 rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency (RF) energy and, if not used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular application. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Notice and Cautions

The device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the equipment if such interference cannot be eliminated.

Cautions: Any changes or modifications to your device not expressly approved by Vicon Motions Systems Ltd could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries. The use of any unauthorized accessories may be dangerous and void the device warranty if said accessories cause damage or a defect to the device. Although your device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The published FCC IDs are:
Beacon DMR-VICMSU1 and **Pulsar LED Clusters** DMR-VICP1.

For Canadian customers

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un

gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada.

Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The published COMPANY NUMBER and UPN NUMBER are:

Beacon 11323A-VICMSU1 and **Pulsar LED Clusters** 11323A-VICP1.

For Australian and New Zealand customers

The product complies with the requirements of the relevant Australian Communications and Media Authority Standards made under the following Notices:

- *Radiocommunications (Compliance Labelling - Devices) Notice 2014* made under section 182 of the *Radiocommunications Act 1992*;
- *Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2008* made under section 182 of the *Radiocommunications Act 1992*;
- *Radiocommunications (Compliance Labelling – Electromagnetic Radiation) Notice 2014* made under section 182 of the *Radiocommunications Act 1992*.

Supplier's declaration of conformity available upon request.

For Japanese customers

Pulsar LED Cluster Model P1

Beacon Model MSU1

Conformity Assessment Body (CAB ID 205) with respect to the Japan/EU MRA, declares that the VICON® Beacon Model MSU1 and sets of Pulsar LED Cluster Model P1 complies with the Certification by Type of the Ordinance Concerning Technical Regulations Conformity Certification, etc. of Specified Radio Equipment (MPT Ordinance No. 37 of 1981).

Category of the Specified Radio Equipment Article 2, Paragraph 1, Item (19).

Class of Emission G1D

Frequency 2402 MHz–2480 MHz

Antenna Power 2.0 mW/MHz (Cluster and Beacon)

Antenna Gain 1.5 dBi (Cluster), 2.0 dBi (Beacon)

For The People's Republic of China customers

The wireless device is classified as F Type General Micro power (short range) radio transmission equipment in that:

- Transmission power <10 mW EIRP limit
- Frequency tolerance <75 kHz
- Operates within 2400-2483.5 MHz
- Utilizes an IEEE 802.14.4 radio protocol

The State Radio Regulation Committee (SRRC) is administered by the Ministry of Industry and Information Technology of the PRC (MIIT)'s Radio Administration Bureau. As of 1st December 2016, the SRRC no longer requires Type Approval for specific Low Power Short Range devices including F Type not employing Bluetooth® radio protocols.

Radio and television interference regulatory information (Viper & ViperX)

In this section, the term “device” refers to your Vicon Viper or Vicon ViperX camera.

These sections contain information concerning the compliance of Vicon Viper and Vicon ViperX cameras with regulations about radio and television interference.

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 B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no gurarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

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 B 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 B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada ICES-003:2004.

Environmental regulations - UK & EU customers

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) on page 11).
- REACH Declaration of Conformity on page 12
- Directive 2202/96/EC (for details, see Waste Electrical and Electronic Equipment (WEEE) on page 12).

Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment –RoHS and Recast (RoHS 2)

This device is fully RoHS (2002/95/EC provides that new electrical and electronic equipment put on the market for the first time from 1 July 2006) and RoHS 2-compliant. The European Union Directive 2011/65/EU[1] 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).

1 http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32011L0065

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 their 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.

Correct disposal of batteries in this device (Pulsar only)
(Applicable in the European Union and other European countries with separate battery systems)

The use of the symbol as a marking on the battery, manual or packaging indicates that the battery in this device should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources, and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

The rechargeable battery incorporated in this device is not user replaceable. For information on its replacement please contact Vicon Motion Systems Ltd.

CE Declaration of Conformity (Beacon/Pulsar)

CE Declaration of Conformity

(Radio Equipment Directive 2014/53/EU)

We, Vicon Motion Systems Ltd
Unit 6, Oxford Industrial Park
Yarnton, Oxfordshire, OX5 1QU
UNITED KINGDOM

declare under our sole responsibility that the products

VICON Beacon Model MSU1
VICON Pulsar LED Cluster Model P1

to which the declaration relates, are in conformity with the following standards and/or other normative documents.

SAFETY[1]	IEC 60950-1:2006/2005/A2:2013 Latex Free RF Exposure Evaluation RED 2014/53/EU Article 3(1)(a) IEC 62133:2012 LED Cluster LiPo Battery
EMC	EN61326:2013; ETSI EN301 489-17 V2.2.1:2012 using the common technical requirements of ETSI EN301 489-1 V2.1.1
RADIO	ETSI EN300 328 V2.1.1 (2016-11) Covering wide band transmission systems; data transmission equipment operating in the 2.4 GHz ISM band

We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity to all the essential requirements of Directive 1999/5/EC. The technical documentation is kept at Vicon Motion Systems Ltd, Unit 6, Oxford Industrial Park, Yarnton, Oxfordshire, OX5 1QU, UNITED KINGDOM that will be made available on request.

T.M.L. Shannon, TD, PhD, FIE (Aust.), CPEng (Biomed.)
Director

3rd September 2018

1. Not for use in an operating theatre, anaesthetic gas 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.

CE Declaration of Conformity (Viper)

CE Declaration of Conformity

Electromagnetic Compatibility to EMC Directive 2004/108/EC
Electrical Safety to Low Voltage Directive 2014/35/EU.

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

declare that the VICON VipeR Cameras manufactured by VICON MOTION SYSTEMS LIMITED have been tested and demonstrated that all products of its own manufacture meet 2004/108/EC and 2014/35/EU:

Electromagnetic Compatibility to:
EN60601-1-2:2015 Class B

General Requirements for Safety to:
Cameras EN60601-1:2006 + A12:2014

Network Hub UL60950-1, 2nd Edition (LVD 2014/35/EU)

Thomas Shannon TD PhD FIE (Aust) CPEng (Biomed.)

Director

7th June 2019

Not for use in an operating theatre, anaesthetic gas 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.

CE Declaration of Conformity (ViperX)

CE Declaration of Conformity

Electromagnetic Compatibility to EMC Directive 2004/108/EC
Electrical Safety to Low Voltage Directive 2014/35/EU.

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

declare that the VICON ViperX Cameras manufactured by VICON MOTION SYSTEMS LIMITED have been tested and demonstrated that all products of its own manufacture meet 2004/108/EC and 2014/35/EU:

Electromagnetic Compatibility to:
EN60601-1-2:2015 Class B

General Requirements for Safety to:
Cameras EN60601-1:2006 + A12:2014

Network Hub UL60950-1, 2nd Edition (LVD 2014/35/EU)

Thomas Shannon TD PhD FIE (Aust) CPEng (Biomed.)

Director

7th June 2019

Not for use in an operating theatre, anaesthetic gas 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.

Specific Absorption Rate (SAR) certification

For United States of America customers (FCC)
For Standalone SAR exclusion consideration, when SAR Exclusion Threshold requirement in KDB 447498 is satisfied, standalone SAR evaluation for general population exposure conditions by measurement or numerical simulation is not required. At 2405 MHz, effective isotropically radiated power of the wearable LED cluster is 4.3 mW, and for the Beacon 5 mW effective radiated power, which will be less than the SAR Exclusion Threshold (96.72 mW). For further information, please see clause 4.3 of KDB 447498 D01 General RF Exposure Guidance.

This device has been granted authorization to be used in the United States for all equipment exhibiting DMR-VICP1 and DMR-VICMSU1.

For Canadian customers (ISED)
SAR evaluation is required if the separation distance between the user and/or bystander and the antenna and/or radiating element of the device is less than or equal to 20 cm, except when the device operates at or below the applicable output power level (adjusted for tune-up tolerance) for the specified separation distance. At 2405 MHz, equivalent isotropically radiated power of the wearable device is 4.3 mW, which will be less than the SAR Exclusion Threshold at distances of between ≥5 and ≤ 10 mm of 4-7 mW. The minimum distance between the cluster aerial and the underside is 6.69 mm. The Beacon minimum safety distance is calculated as 10.4 mm. For further information, please see clause 2.5.1 of RSS-102 Issue 5 March 2015.

These devices have been granted authorization to be used in Canada for all equipment exhibiting 11323A-VICP1 and 11323A-VICMSU1.

Une évaluation du débit d'absorption spécifique (DAS) est nécessaire si la distance qui sépare l'utilisateur de l'observateur et l'antenne de l'élément rayonnant de l'appareil est inférieure ou égale à 20 cm, sauf si l'appareil respecte le niveau de puissance de sortie ou y est inférieur (et qu'il est adapté pour des raisons de tolérance) pour une

distance de sécurité spécifique. À 2405 MHz, la puissance isotrope rayonnée équivalente du dispositif portable est de 4,3 mW, ce qui est inférieur au seuil d'exclusion du DAS pour une distance comprise entre ≥ 5 et ≤ 10 mm pour 4 à 7 mW. La distance minimum entre le faisceau aérien et la face cachée est de 6,69 mm. La distance de sécurité minimale de la balise est 10,4 mm. Pour de plus amples renseignements, veuillez consulter la section 2.5.1 du CNR-102 du 5 mars 2015.

Tous les appareils présentant un 11323A-VICP1 et un 11323A-VICMSU1 sont autorisés au Canada.

For European Union customers (RED)

Minimum safe distance for RF exposure, based on the *Reference Levels for General Public exposure of EU Council Recommendation (1999/519/EC)* of 12 July 1999, on the limitation of exposure of the general public to electro-magnetic fields (0 Hz to 300 GHz) was calculated for the wearable device as:

Frequency (MHz)	EIRP (dBm)	Limit (W/m2)	Min. safe distance (m)
2480	6.8	10	0.0062

Other important safety information

For English speakers

- Only qualified personnel should service the device. Faulty service may be dangerous and may invalidate any warranty applicable to the device.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartments as the device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an airbag inflates with great force. Do not place objects, including portable wireless equipment near or in the area over the air bag or in the airbag deployment area. If the wireless device is within the deployment area as an air bag inflates, serious injury could result.
- Switch off the device off before boarding an aircraft. The use of wireless devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of the device while on an aircraft.
- The primary responsibility of every driver is the safe operation of his or her vehicle. Do not engage in any activity while driving a moving vehicle which may take your eyes off the road or become absorbed in any activity that your ability to concentrate on the act of driving becomes impaired.
- Failure to observe these instructions may lead to the suspension or denial of network services, or legal action, or both.

Battery use and safety

- The battery in this device is not intended to be replaced by the consumer. If you believe the battery is damaged or needs to be replaced, return the device for inspection and replacement.
- Do not let the device or battery come in contact with liquids. Liquids can get into the device's circuits, leading to corrosion. Even when the device appears dry and appears to operate normally, the circuit could slowly corrode and pose a safety hazard.
- Do not place the device in or near a heat source. Excessive heating can damage the device and battery and could cause the device or the battery to explode. Do not dry a wet or damp device with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your device in your vehicle in high temperatures.
- Do not dispose of the device or battery in a fire. The device or battery may explode when overheated.
- Avoid dropping the device. Dropping the device, especially on a hard surface, can potentially cause damage. If you suspect damage to the device or battery, return it for inspection.
- Never use any battery that is damaged in any way.
- **Warning.** Use of non manufacturer-approved batteries may present a risk of fire, leakage, or other hazard. Manufacturer warranty does not cover damage to the device caused by non-approved batteries.
- Do not use incompatible batteries and chargers. For safety, only *limited power source* chargers are supplied by Vicon Motion Systems Ltd. If using a powered USB Hub always ensure that you use the manufacturer's approved or recommended power source. Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Please refer to Vicon Motion Systems Ltd for advice. Misuse or use of incompatible batteries and chargers could result in damage to the device and a possible risk of fire, explosion, or leakage, leading to serious injuries, damage to your device, or other serious hazard.

Operating environment

- Avoid temperature below 0°C/32°F or above 37°C/99°F.
- Do not expose your device to dust, dirt, or sand.
- Remember to follow any special regulations in force in any area, and always switch your device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.
- **Implantable medical devices**. A minimum separation of 6 inches (153 mm) should be maintained between the device and an implantable medical device, such as a pacemaker or implantable defibrillator, to avoid potential interference by the device.
  The wearable device uses neodymium magnets to provide an easy connection to supporting strap holders. The operation of heart pacemakers will be affected by the close proximity of a magnet. Magnets can set a pacemaker working in a way that is not suitable for the pacemaker user and that might affect their health. This change will stop when the magnet is removed. The background to this is that magnets are used to put pacemakers into a mode of working that does not respond to the patient's own heart rhythm. Pacemaker clinics use magnets to change the working of the pacemaker, to see how it is operating. Each pacemaker manufacturer uses the 'magnet response' of a pacemaker in a different way, so it is impossible to be more precise than the above statement. Some manufacturers have a response that makes the pacemaker pace the heart at 100 beats-per-minute or faster. The pacemaker will not usually synchronize with the natural heart beat when a magnet is applied. It is theoretically possible to trigger a life-threatening heart rhythm by doing so.
  Persons who have such implantable medical devices:
  - Should ALWAYS keep the device more than 6 inches (153 mm) from their implantable medical device when the device is turned ON;
  - Should not carry the device in a breast pocket;
  - Should immediately turn the device OFF if there is any reason to suspect that interference is taking place;

  - Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless device and/or using magnets with an implantable medical device, consult your health care provider.

- **Other medical devices.** If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Immediately turn the device OFF if there is any reason to suspect that interference is taking place.
- Switch your wireless device off in health care facilities when any regulation posted in these areas instructs you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.
- **Vehicles.** RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding using your wireless device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle. Immediately turn the device OFF if there is any reason to suspect that interference is taking place.
- **Posted facilities.** Switch your device off in any facility where posted notices require you to do so.
- **Potentially explosive environments.** Switch your wireless device off when in any area with a potential explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the wireless device off while at a refueling point (service station).
  Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, metal powders or

anesthetic gases, and other areas where you would normally be advised to turn off your vehicle engine. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

- **High magnetic flux environments.** The device contains ferrous components so may constitute a physical projectile hazard if brought into high magnetic flux environments such as found within Magnetic Resonance Imaging (MRI) facilities.
- **Securing straps**. Securing straps are **Latex Free**, manufactured using **Neoprene** or polychloroprene. *Allergic* reaction to neoprene is generally ascribed to the accelerants used to manufacture the man-made rubber, specifically thiourea compounds and mercaptobenzothiazole (MBT). Symptoms of *neoprene* -related allergic contact dermatitis (ACD) include itching, skin eruptions, swelling, and hemorrhages into the skin. If you experience an ACD, please immediately desist from using the straps.
- **Allergies to Nickel** Neodymium magnets are nickel-plated. Nickel is a metal which can cause an allergic reaction in some people who are exposed to long-term contact with objects that release nickel. As a precaution, avoid long-term contact with nickel-plated magnets and totally avoid contact with nickel-plated materials if you already have a nickel allergy. How much or little it takes to trigger a nickel allergy is debatable and changes from person to person.

Restricting children's access to your device

- Your device is not a toy. Do not allow children to play with it as they could hurt themselves and others or damage the device.
- Keep the device and all its parts and accessories out of reach of small children.
- Children (aged 16 years or younger) should NEVER be allowed to play with NEODYMIUM magnets if they break free from the device. Even relatively small magnets can cause blood blisters and cuts and tiny magnets can cause serious injury if swallowed.

- If more than one magnet is swallowed, they can attract each other through the walls of the intestines, get stuck and pinch the digestive tract causing major swelling and even life-threatening injuries requiring surgery. Always keep any free neodymium magnets out of the reach of children.

For Canadian-French speakers

- Seul le personnel qualifié est apte à utiliser cet appareil. Une mauvaise utilisation peut se révéler dangereuse et annuler la garantie applicable à l'appareil.
- Ne pas stocker ou transporter des liquides inflammables, des gaz ou des matériaux explosifs avec l'appareil ou ses éléments ou ses accessoires.
- Pour les véhicules équipés d'un airbag, rappelez-vous que l'airbag se déploie avec beaucoup de force. Ne placez aucun objet, y compris du matériel portable sans fil, près de l'airbag ou dans sa zone de déploiement. Un appareil sans fil se trouvant dans la zone de déploiement de l'airbag peut occasionner de sérieuses blessures.
- Éteignez l'appareil avant d'embarquer à son bord. L'utilisation d'appareils sans fil à bord d'un appareil est illégale et peut être dangereuse pour le bon fonctionnement de ce dernier. Veuillez consulter les autorités compétentes avant d'utiliser toute fonctionnalité sur votre appareil portable lorsque vous êtes à bord.
- La responsabilité principale de chaque conducteur consiste à manœuvrer son véhicule en toute sécurité. Lorsque vous conduisez un véhicule, ne faites aucune autre activité susceptible de détourner votre regard de la route ou de vous déconcentrer et d'altérer votre conduite.
- Tout manquement à ces directives pourra conduire à une suspension ou à une suppression des services du réseau, à une prise de mesures légales, ou les deux.

Utilisation et sécurité de la batterie

- La batterie de l'appareil ne doit pas être remplacée par l'utilisateur. S'il vous semble que la batterie est endommagée ou doit être

remplacée, veuillez retourner l'appareil pour inspection ou remplacement.

- Ne pas mettre l'appareil ou sa batterie en contact avec des liquides. Les liquides peuvent entrer en contact avec les circuits de l'appareil et les détériorer. Même si l'appareil semble sec et paraît fonctionner normalement, le circuit peut être détérioré et potentiellement dangereux.
- Ne pas placer l'appareil sur ou près d'une source de chaleur. Une chaleur excessive peut endommager la batterie de l'appareil et faire exploser l'appareil ou la batterie. Ne pas sécher un appareil humide ou mouillé à l'aide d'un autre appareil chauffant ou d'une source de chaleur, telle qu'un micro-ondes, un sèche-cheveux, un fer à repasser ou un radiateur. Ne laissez pas votre appareil dans votre véhicule par grandes chaleurs.
- Ne pas jeter l'appareil ou sa batterie au feu. L'appareil ou sa batterie risque d'exploser en cas de surchauffe.
- Ne pas laisser tomber l'appareil. Le cas échéant, l'appareil risque d'être endommagé. Si vous pensez que l'appareil ou sa batterie sont endommagés, faites-les contrôler.
- N'utilisez jamais une batterie endommagée de quelque façon que ce soit.
- **Avertissement**. L'usage de batteries non approuvées par le fabricant est susceptible de causer un incendie, une fuite et de présenter un danger lors de l'utilisation. La garantie du fabricant ne couvre pas les dommages causés par une utilisation non conforme des batteries.
- Ne pas utiliser de batteries ou de chargeurs incompatibles. Pour des raisons de sécurité, Vicon Motion Systems Ltd. fournit des chargeurs *bien spécifiques*. Si vous utilisez un concentrateur USB alimenté, veillez toujours à utiliser une source d'alimentation approuvée ou recommandée par le fabricant. Certains sites Internet et revendeurs qui ne sont pas associés à des fabricants et à des transporteurs fiables peuvent vendre des batteries ou des chargeurs incompatibles ou contrefaits. Veuillez-vous référer aux conseils fournis par Vicon Systems Ltd. Le mauvais usage de chargeurs ou de batteries ou l'utilisation de batteries et de chargeurs incompatibles peuvent provoquer des dommages à

l'appareil et présentent un risque d'incendie, d'explosion ou de fuites susceptibles de causer des blessures et de dégrader votre appareil ou de représenter un danger.

Environnement opérationnel

- Évitez de soumettre l'appareil à des températures inférieures à 0°C/ 32°F ou supérieures à 37°C/99°F.
- N'exposez pas l'appareil à la poussière, à la saleté ou au sable.
- Veuillez suivre toute directive spécifique en vigueur dans le domaine. Éteignez toujours votre appareil dans les lieux où son usage est interdit ou lorsqu'il y a un risque d'interférences ou un danger. Lorsque vous connectez l'appareil ou tout autre accessoire à un autre appareil, consultez les consignes de sécurité détaillées dans le guide de l'utilisateur. Ne connectez pas d'appareils incompatibles entre eux.
- **Dispositifs médicaux internes**. Un écart d'au moins 153 mm (6 pouces) doit être maintenu entre l'appareil et le dispositif médical interne (p. ex., stimulateur cardiaque, défibrillateur interne) afin d'éviter tout risque d'interférence avec l'appareil.
  L'appareil portable utilise des aimants en néodyme pour une connexion facile des dispositifs de soutien des sangles. Le fonctionnement d'un stimulateur cardiaque sera affecté par la proximité d'un aimant. Les aimants peuvent provoquer des modifications dans le fonctionnement d'un stimulateur cardiaque qui ne sont pas adaptées au patient et qui risquent d'affecter sa santé. L'effet de l'aimant cessera dès qu'il sera retiré. On utilise des aimants pour régler des stimulateurs cardiaques à des rythmes différents de celui du cœur du patient. Les cliniques des stimulateurs cardiaques utilisent des aimants pour modifier le mécanisme de ces derniers afin de vérifier comment le stimulateur cardiaque fonctionne. Chaque fabricant utilise la « réponse magnétique » d'un stimulateur cardiaque de manière différente. Il est donc impossible d'être plus précis qu'avec la méthode susmentionnée. Certains fabricants provoquent une réponse qui fait battre le stimulateur cardiaque à un rythme de 100 battements par minutes ou plus. Le stimulateur cardiaque ne se synchronise généralement pas avec le rythme cardiaque naturel lorsqu'un aimant est utilisé. Il est théoriquement impossible de provoquer un

rythme cardiaque mortel de cette manière.
Les patients ayant des dispositifs médicaux internes de ce type :

- doivent TOUJOURS veiller à conserver une distance de 153 mm (6 pouces) avec leur dispositif médical interne lorsque l'appareil est en marche ;
- ne doivent pas transporter l'appareil dans une poche poitrine ;
- doivent immédiatement ÉTEINDRE l'appareil s'ils suspectent une interférence avec leur dispositif médical interne ;
- doivent consulter et suivre les instructions du fabricant relatives à leur dispositif médical interne. Pour de plus amples renseignements à propos de votre appareil sans fil ou de l'usage des aimants avec un dispositif médical interne, veuillez consulter votre professionnel de la santé.

- **Autres dispositifs médicaux**. Si vous utilisez un autre type de dispositif médical, veuillez consulter le fabricant de ce dernier pour savoir s'il est protégé comme il se doit contre l'énergie radiofréquence (RF) extérieure. Votre médecin pourra vous aider à obtenir ce type de renseignement. ÉTEIGNEZ immédiatement l'appareil si vous suspectez une interférence avec leur dispositif médical interne.
- Éteignez votre appareil sans fil dans des établissements de santé lorsque le règlement affiché dans ces lieux vous y invite. Les hôpitaux et les établissements de santé peuvent utiliser un équipement sensible à l'énergie RF externe.
- **Véhicules**. Les signaux RF peuvent affecter les systèmes mal installés ou protégés des véhicules motorisés. Veuillez-vous renseigner auprès du fabricant ou de ses représentants pour en savoir plus à propos de l'utilisation de votre appareil sans fil dans un véhicule motorisé. Consultez également le fabricant de tout équipement ajouté à votre véhicule. ÉTEIGNEZ immédiatement l'appareil si vous suspectez une interférence avec leur dispositif médical interne.
- **Affichage dans les établissements**. Éteignez votre appareil lorsque le règlement d'un établissement l'exige.
- **Environnements pouvant provoquer une explosion**. Éteignez votre appareil portable dans une atmosphère présentant un risque d'explosion et conformez-vous aux indications et aux directives. Les

étincelles pourraient provoquer une explosion ou un incendie et causer des blessures ou la mort. Les utilisateurs devraient éteindre leur appareil portable aux points de ravitaillement (station-service). Les utilisateurs doivent se conformer aux directives relatives à l'utilisation des équipements radio dans les dépôts de carburant (zones de stockage et de distribution de carburant), les usines utilisant des produits chimiques ou lors d'opérations de dynamitage. Les zones où l'atmosphère présente des risques d'explosion sont souvent, mais pas toujours, indiquées. Elles comprennent : les ponts de navire, les installations de transfert ou de stockage de produits chimiques, les véhicules fonctionnant avec du gaz de pétrole liquéfié (propane ou butane), les zones dont l'atmosphère contient des produits chimiques ou des particules (p. ex., céréales, poussière, poudres métalliques ou gaz anesthésiant) et les endroits où vous devez normalement éteindre le moteur de votre véhicule. Les véhicules fonctionnant avec du gaz de pétrole liquéfié (propane ou butane) doivent se conformer au code national de prévention des incendies, le National Fire Protection Standard (NFPA-58). Pour obtenir une copie de ces normes, veuillez contacter l'association de prévention des incendies (National Fire Protection Association).

- **Environnement à flux magnétique élevé**. L'appareil contient des composants ferreux et peut donc représenter un danger de projection dans des environnements à flux magnétique élevé, tels que les établissements utilisant l'imagerie par résonance magnétique (IRM).
- **Sangles de sécurité**. Les sangles de sécurité sont **sans latex** et fabriquées en **néoprène** ou en polychloroprène. Une réaction *allergique* au néoprène est généralement imputable aux accélérateurs utilisés pour fabriquer le caoutchouc synthétique et plus particulièrement les composants à base de thiourée et de mercaptobenzothiazole (MBT). Les symptômes de la dermatite de contact allergique due au *néoprène* comprennent les démangeaisons, les éruptions cutanées, les gonflements et les saignements cutanés. Si vous souffrez d'une dermatite de contact allergique, cessez immédiatement d'utiliser les sangles.
- **Les allergies au nickel**. Les allergies aux aimants en néodyme sont dues au plaquage en nickel. Le nickel est un métal responsable de réactions allergiques chez certaines personnes exposées à des objets en nickel durant une longue période. À titre de prévention,

évitez le contact prolongé avec des aimants plaqués en nickel et évitez totalement les matériaux plaqués en nickel si vous avez déjà souffert d'une allergie à ce métal. Le délai de déclenchement d'une allergie au nickel est sujet à débat et peut varier d'une personne à une autre.

Ne laissez pas votre appareil à portée des enfants

- Votre appareil n'est pas un jouet. Ne pas laisser les enfants jouer avec votre appareil. Ces derniers risquent de se blesser ou d'endommager l'appareil.
- Conservez votre appareil, les éléments qui le composent et ses accessoires hors de portée des enfants.
- N'autorisez JAMAIS les enfants de 16 ans et moins à jouer avec des aimants en NÉODYME si ces derniers se sont désolidarisés de l'appareil. Même les aimants de petite taille peuvent provoquer cloques et des coupures et les petits aimants peuvent être à l'origine de blessures graves en cas d'ingestion.
- Si plusieurs aimants sont avalés, ils risquent de s'attirer entre eux à travers les parois de l'intestin, de se bloquer et de bloquer le tube digestif provoquant d'importants saignements et même des blessures graves nécessitant une opération chirurgicale. Ne laissez jamais les aimants en néodyme individuels à portée des enfants.