

IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USE AND SAVE THIS MANUAL FOR FUTURE REFERENCE

The Intellicone TMU must be operated and maintained in accordance with the instructions contained in this manual.

CHEMICAL

Battery acid may cause skin irritation and eye injury. To reduce the risk of burns or other acid related injury resulting from handling lead-acid batteries:

Wear approved gloves, goggles, and an apron when handling batteries

Beware of cracked battery cases

Always use the recommended charging systems

ENVIROMENTAL

To reduce the environmental risks associated with the improper disposal of lead acid batteries containing lead and acid please dispose of batteries in strict accordance with all national and local government laws/regulations

DISPOSAL

The WEEE (Waste Electrical and Electronic Equipment) symbol on this product means it must not be disposed of in household waste. To prevent possible harm to human health and/or the environment, you must dispose of this product in an approved and environmentally safe recycling facility. For further information contact your system supplier, or your local waste authority.

MANUFACTURER WARRENTY

The Sentry carries a 12-month manufacturer warranty from Highway Resource Solutions. The warranty begins the day the system is purchased by the user and the receipt must be retained as proof of purchase date. The warranty remains valid only if the system is used as intended, following all guidelines outlined in this manual and in accordance with the operating conditions specified. The warranty is void if the system has been exposed to mechanical impact, chemicals, high humidity, fluids, corrosive and hazardous environments or force majeure factors.

LIMITED LIABILITY

Every effort has been made to ensure the accuracy of the information given in our Publications, but in accordance with our policy of continually improving our products we reserve the right to modify designs and specifications wherever necessary. All equipment is designed to conform to relevant UK and European standards.

Every care is taken to ensure that, as far as reasonably practical, equipment supplied will perform without risk to health. It is essential that the accepted codes of professional practice are followed in the set-up, operation and maintenance of the equipment. If in doubt with respect to any of these instructions, please contact Highway Resource Solutions before setting-up or operating the device. Highway Resource Solutions reserves the right to vary or modify any specification without prior notice.

intellicone[®]

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Sentry Ultrasonic Beam System

USER MANUAL



Intellicone and its associated equipment are products of:

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www.intellicone.co.uk

Connectivity to Intellicone® Alarms

The Intellicone® Sentry has been designed to be used in conjunction with an Intellicone® Portable Site Alarm (PSA) or Traffic Management Unit (TMU).

In order to connect this equipment must be positioned within 30 meters of the Sentry. If the works crew is working beyond this range a second PSA must be deployed (please refer to Intellicone® user manual).

Use:

The primary application of the Intellicone® Sentry is to detect vehicles trespassing a works entrance or designated workzone.

Distance 3 meters

The Sentry can be used for works entrances that are no larger than 3-4 meters in order to detect a vehicle passing.

The device is activated by being connected to the power source (battery supplied). Power is indicated by an LED status indicator at the front of the device. Once on, the beam will detect vehicles trespassing a works entrance or designated workzone.

3 meter over-ride

The Sentry has a green override button situated at the back. When held in, the button temporarily deactivates the ultrasonic beam emitted from the sensor at the front to allow authorised vehicles to pass without alarm activation.

Operation:

The Sentry has been designed to support staff manning a works entrance. The Sentry is cone mountable and is provided with its own external power source. Once mounted on a cone and the sensor is pointed across a works entrance, the system can be activated by plugging the main cable into the power source (battery). The sentry needs to be <30m from an Intellicone® PSA. It is important to test the Sentry to ensure that the alarm activates. This can be achieved by walking past the device.

NOTE: walk past slowly as the device has been designed to detect vehicles and may not always detect pedestrians.

Disclaimers:

The Intellicone technology must be operated and maintained in accordance with the instructions contained in this manual and is only for the applications it was designed and supplied for. At no time during the operation or maintenance of the Intellicone Portable Site Alarm, should the product be solely relied upon to prevent injury and fatality of the operating personnel from errant vehicles or equipment. The operational procedure outlined in this manual must be followed at all times.

Intellicone Sentry must be deployed in a position sufficiently far from the workforce to provide enough advanced warning of an errant vehicle.

Workforce must be able to hear/see the audio-visual warning and be aware of the evasive action they must take to ensure the greatest safety advantage.

The Intellicone Sentry must be charged regularly after a period of use. Highway Resource Solutions recommend a maximum period of use of 50 hours.

Secure and lock the Intellicone Sentry to a stationary piece of equipment or barrier to prevent theft and the equipment falling into the path of passing vehicles.

DO NOT use the system where it can cause potential danger and interfere with other devices, such as medical devices.

DO NOT expose the equipment to high humidity, chemical environment or mechanical impact.

DO NOT attempt to repair the system yourself, any repairs must be carried out by fully qualified personnel only. Any changes or modifications not expressly approved by Highway Resource Solutions could void any warranty or guarantee on the equipment..

Always ensure that battery is charged and the system is operating.

Always test the system once deployed by simulating an activation.

Always ensure a PSA or TMU are within range and if relevant are connected to secondary PSA(s) for larger worksites (please refer to Intellicone® user manual).

Never position Sentry near to live carriageway.

For full instructions on the Intellicone Portable site Alarms, deployment procedures, crew alarm activation procedures and further safety information, please refer to the Intellicone user manual contained within each Portable site (crew) alarm carry case.