Watchman

Forklift Collision Avoidance Alarm

The Watchman is a visual and audio warning device that alerts forklift operators and management of impending collisions involving forklifts, doors and fixtures.



CE

TYPICAL INSTALLATION SITES

- Distribution Centers
- Warehouses
- Manufacturing Facilities
- Parking Structures

FUNCTION

The Watchman warns operators and management of potential collisions between forklifts and overhead doors and fixtures.

The Watchman installs in front of and slightly below the overhead door or fixture to be protected. If the Watchman is struck by a forklift truck or load, the impact sets off a loud 105 dB alarm and flashes bright red lights on the end of the tube. The alarm and flashing red lights signal the driver to immediately stop and alerts management so proper supervisory action can be taken.

CONFIGURATIONS

AVAILABLE LENGTHS

The Watchman is available in 8′ and 10′ lengths.

AC POWERED

The AC powered Watchman operates on a UL listed 115V plug in style power supply. A 230V power supply is also available. The Watchman's circuitry resists "spikes" when on the same circuit as disrupting devices such as electric overhead doors.

BATTERY POWERED

The battery powered Watchman is powered by eight standard 'C' cell batteries (not included). Fresh alkaline batteries last for approximately two years under normal use. A low-voltage circuit monitors the battery's condition and the unit will chirp once every five minutes when the batteries are low.

MATERIALS

TUBE

The tube is bright yellow, 4" OD, ABS material. Two eye bolts are factory installed in the tube to hang the Watchman.

END CAPS

The end caps are injection molded ABS; they house the unit's PCB's detection sensors, lights and light cover. A chrome plated wire frame protects the end cap assembly.

OPTIONS

REMOTE NOTIFICATION

The Watchman outputs a dry contact on impact which can be used to activate another device such as an external light or alarm installed remotely from the Watchman.

WEATHERIZATION KIT

The kit includes additional seals to protect electronics when Watchman is installed in outdoor environments. The weatherization option is only available for battery powered units.

ALTERNATE POWER SUPPLY

A plug in style 230V power supply is provided.

SHIPPING AND SITE PREPARATION

SHIPPING

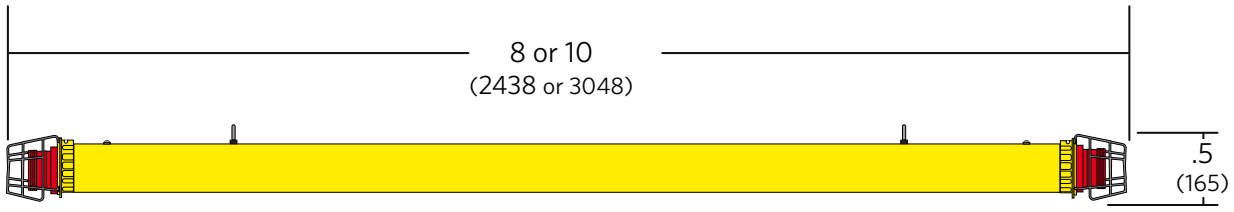
The Watchman is shipped fully assembled and ready to install.

SITE PREPARATION

Installation of the Watchman should be performed by a skilled installer following the included instructions.

TECHNICAL DIMENSIONS

Dimensions are shown in feet (mm). All measurements are approximate.



Configuration and Weight				
Product Configuration	8′ *AC Powered*	8′ *Battery Powered*	10′ *AC Powered*	10′ *Battery Powered*
Product Weight	9 lbs. (4.1 kg)	8 lbs. (3.6 kg)	11 lbs. (5 kg)	10 lbs. (4.5 kg)
Shipping Weight*	14 lbs. (6.4 kg)	13 lbs. (5.9 kg)	17 lbs. (7.7 kg)	16 lbs. (7.3 kg)

*Shipping weight accounts for 1 Watchman per box.

WARRANTY

For a period of one year from the date of shipping, Alvarado will replace or repair, at Alvarado's option, any products or parts which are defective in materials or workmanship, provided recommended installation and maintenance procedures are followed. This warranty is void if damage is due to improper installation, maintenance or use. This warranty is limited to parts only, and does not cover labor or shipping charges incurred in connection with the removal or replacement of warranted products or parts.

This warranty is expressly made in lieu of any and all other warranties, expressed or implied, including, but not limited to implied warranties of merchantability and fitness for a particular purpose. Alvarado shall not be liable for any loss or damage, directly or indirectly, arising from the use of purchased products. In no event shall Alvarado be liable to buyer for consequential damages, special damages, incidental damages, loss of use, business interruption, loss of profits, or damages of any kind arising out of the use or inability to use a purchased product. In NO event shall Alvarado be liable for damages which exceed the purchase price of a covered product.