

Indoor/Outdoor Shop Door Detection System™



PROTRAN
TECHNOLOGY

A Harsco Rail Company



PRODUCT INFORMATION BULLETIN

DESCRIPTION

As trains and On Track Equipment approach maintenance facility or wash bay doors, they often times do not stop. This can cause major damage to the maintenance facility and major injuries to personnel, in some cases even death.

To prevent incidents of this type, Protran Technology has developed the first real time, state of the art detection system that detects objects (train or On Track Equipment) approaching the maintenance door or wash bays as far as 400 feet away. Once detected, the system sends a visual and audible warning to personnel in the maintenance or wash bay facilities. This prevents accidents and will save lives, expenses in building damages, and even vehicle damage.

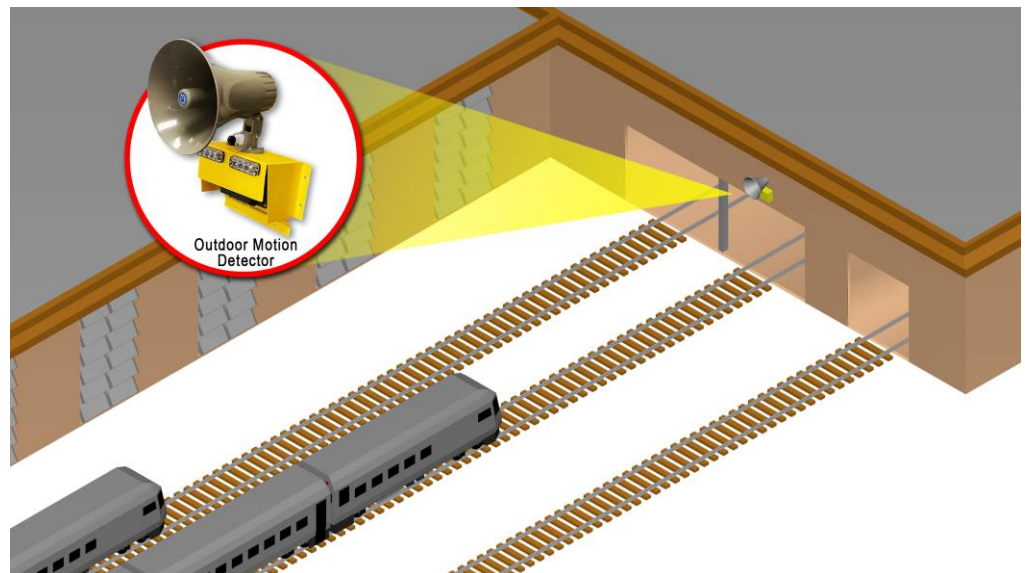
APPLICATIONS

- Train approach warning system
- Repair facilities
- Wash facilities

FEATURES AND OPTIONS

- 400 feet (121 meters) detection
- Track and object specific
- Speed settings from 1 mph to 200 mph and greater
- Curves or tangent detection
- Real Time

OUTDOOR DETECTION



Outdoor Motion Sensor PT-0610
Placed outside

Outdoor and Indoor Train Detection System



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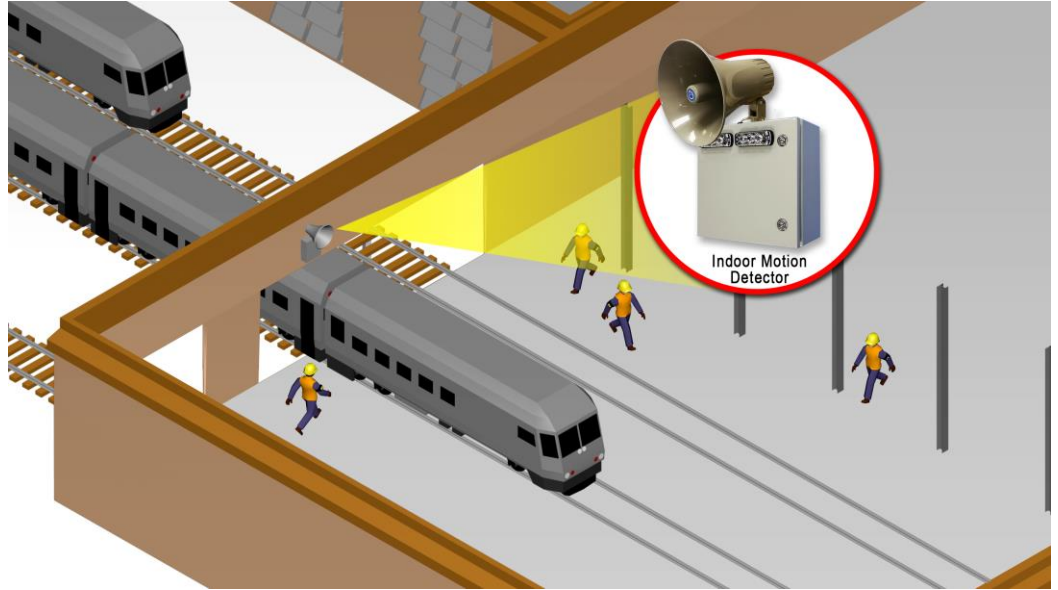
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DESCRIPTION

Some key features of the Protran Technology system allows detection of vehicle speed, direction, and even vehicle type. The system can be programed to only pick up those objects approaching the doors and ignore objects that may be moving in different directions.

Another key feature is that the system can be programed to detect speed from 1 to 200 mph and is specific enough to be track specific regardless of whether track is curved or tangent. All the data is logged and can be reported to the supervisor for corrective action.

INDOOR DETECTION



SPECIFICATIONS

Note: Specifications shown are for all models sold after the printed document date at the end of each bulletin.

Outdoor Motion Sensor

Placed outdoor
20" x 12" x 11"
(50.8cm x 30cm x 27.9cm)
2 lbs (0.9kg)



Indoor Motion Sensor

Placed indoor
23" x 11" x 11"
(58.4cm x 27.9cm x 27.9cm)
2 lbs (0.9kg)



Indoor Motion Sensor PT-0610
Placed inside



PART NUMBERS FOR ORDERING

Item	Part Number
Indoor/Outdoor Shop Door Detection	PT-0610

OPERATIONS

Refer to the Protran Technology Operation Manual.



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DOCUMENT DATE 10/13/15

P.O. Box 417, Newton, NJ 07860
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www.protrantechology.com

LIMITED WARRANTY STATEMENT

Protran warrants its products, if properly used and installed, will be free from defects in material and workmanship for a period of 1 year after date of purchase. Said warranty to include **ONLY** the repair or replacement of defective equipment. This warranty does not cover damage due to external causes, including accident, problems with electrical power, and usage not in accordance with product instructions, misuse, neglect, alteration, repair, improper installation, or improper testing. This limited warranty, and any implied warranties that may exist under state law, apply only to the original purchaser of the equipment, and last only for as long as such purchaser continues to own and properly maintain the equipment. Product instructions accompany product shipment. If product instruction required please contact Protran Technology.

This warranty replaces all other warranties, express or implied including, but not limited to, the implied warranties or merchantability and fitness for a particular purpose. Protran Technology makes no express warranties beyond those stated here. Protran Technology disclaims without limitation, implied warranties of merchantability and fitness for a particular purpose. Some jurisdictions do not allow the exclusion of implied warranties so this limitation may not apply to you.

To obtain warranty service, contact Protran Technology for a return material authorization. When returning equipment to Protran Technology, the customer assumes the risk of damage or loss during shipping and is responsible for the shipping costs incurred.

Protran Technology recommends that their equipment be maintained and tested per any CFR, OSHA, NFPA, IEEE, APTA or any other standards for maintenance and testing that may apply.

Protran offers testing, maintenance and training services under our Service and Maintenance contracts to our customers.

The Protran Technology, Harsco Rail equipment pictured in this brochure is intended to illustrate the general appearance and features of this product. It is equipped as specified by a particular customer and may or may not show items that are optional or recommended by Protran Technology, HARSCO RAIL.

Specifications, illustrations, and descriptive materials herein were accurate as known at the time this publication was approved for printing. Protran Technology, HARSCO RAIL reserves the right to discontinue models or options at any time or change specifications and materials, equipment and design without notice and without incurring obligation. Federal, State or Provincial, and/or local laws and regulations may require additional equipment for the particular use intended for this product. It is the buyer's responsibility to determine the applicability of such laws and regulations to the buyer's intended use for the product and to arrange for the installation of the required equipment. Other products and companies referred to herein are trademarks or registered trademarks of their respective companies and/or mark holders.