



Vehicle Detection Sensors

Smart Mobility Solutions

Product Lineup
Overview

www.optexamerica.com





WHO WE ARE

The Value OPTEX Brings to You

At OPTEX, we're pioneers in sensing technology, delivering industry-leading solutions across critical security, automatic doors, and vehicle detection. With over 45 years of expertise, a global presence, and advanced technologies like laser and infrared detection, OPTEX provides innovative, reliable systems that meet the diverse needs of customers worldwide.

Our core values define who we are:

Innovative: We push the limits of sensing technology, with sensors boasting less than a 0.01% failure rate.

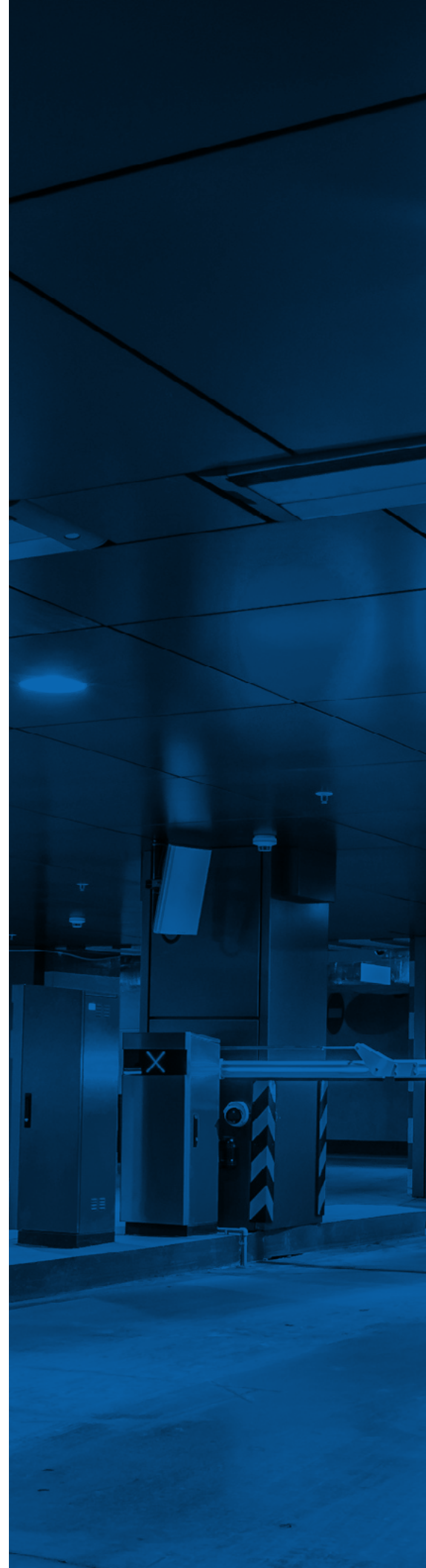
Responsive: We have highly knowledgeable and experienced customer service representatives to guide you in all aspects of sensing technology.

Partnership Focused: We work closely with customers to develop tailored solutions, ensuring shared success.

Universally Compatible: Our open architecture sensors integrate seamlessly with all major systems, future-proofed for tomorrow's advancements.

Thank you for being part of the OPTEX family. Together, we're building a safer, smarter future.

To see our complete product lineup, please visit our website at:
www.optexamerica.com



Featured Products

OVS-02GT

Virtual Loop Vehicle Presence Sensor
for use on Gates & Barriers

For Vehicle Detection



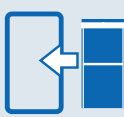
With 26 feet extended range, the OVS-02GT reliably detects vehicles of all sizes while ignoring nearly all human movement without the need for installing and servicing in-ground loops.

- ✓ No cutting, coring, or drilling of concrete
- ✓ Extremely stable under all weather conditions
- ✓ Presence detection for all types of vehicles
- ✓ Ignore or detect humans based on application

Settings via
Smartphone App



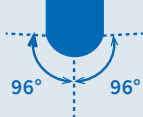
Direct conduit
access



Direct installation
for single gang box



Flexible
power supply



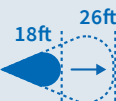
Wide angle
adjustment



Improved
built-in heater



Visible
indicator



Longer
detection range



IP66 & NEMA4

Water
resistance



2 outputs



Improved human
cancellation

Featured Products

OVS-50TNR

Monitored Hybrid Photoelectric
Through Beam

UL325 Compliant Vehicle Safety System



Scan for datasheet



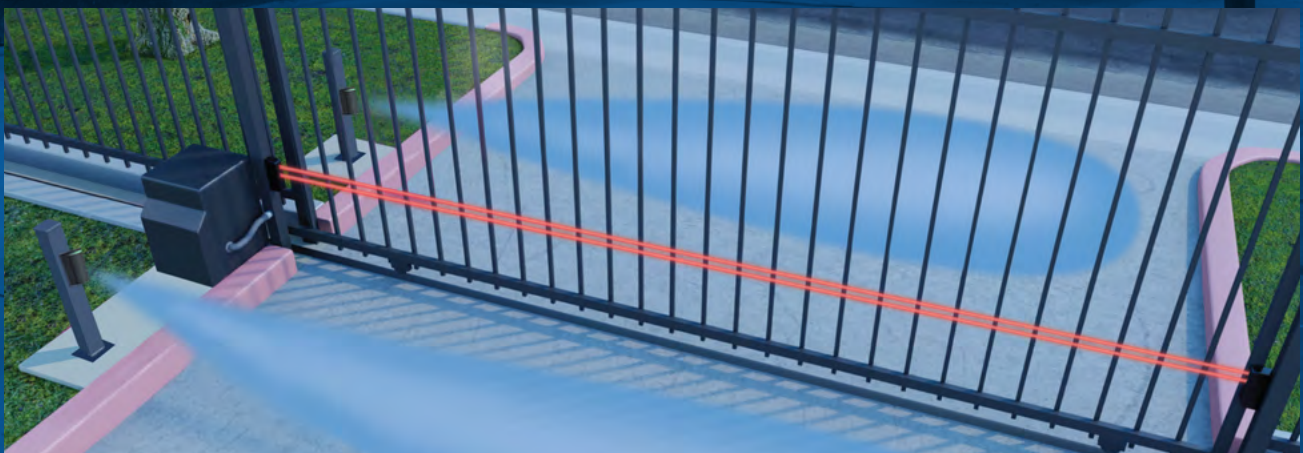
The OVS-50TNR Monitored Hybrid Photoelectric Through Beam provides cost-effective, stable Active Infrared detection with dual beams for all-weather reliability and easy LED alignment. No transmitter-side wiring is required, reducing installation time, labor costs, and avoiding driveway cuts.

✓ 50-foot point-to-point detection range

✓ Wireless transmitter with no driveway cutting

✓ Long-lasting 8-year battery life

✓ Easy battery replacement without beam realignment



OVS-02GT

- Vehicle presence sensor for use on gates and barriers
- 26' extended detection range
- Reliably detects vehicles of all sizes while ignoring human movement



Part number	Product name	Description
A10009247	OVS-02GT	Virtual Loop Vehicle Presence Sensor with 26 Feet Range

OVS-50 TNR

- 8 year battery life
- UL325 compliant
- Easy installation



Part number	Product name	Description
A1600889	OVS-50 TNR	Hybrid Photoelectric 50' Dual Beam UL325 Compliant 8 Year Battery

OVS-01GT

- 18' range vehicle presence sensor
- For moving or stationary vehicles, ignores human traffic



Part number	Product name	Description
09214	OVS-01GT	18' Range Vehicle Presence Sensor (Case Lot 10pcs Minimum)

OVS-01CC

- 26' range vehicle presence sensor with 2 outputs
- Car counting capability



Part number	Product name	Description
09216	OVS-01CC	26' Range Vehicle Presence Sensor 2 Output (Moving Vehicles)

OVS Series Mini Post for Road Surface Mounting (30")

- 30" Mini post for road surface mounting the OVS Series



Part number	Product name	Description
A1600774	OVS-MPY	30" Mini Post for Road Surface Mounting OVS Series (Yellow)
A1600773	OVS-MPB	30" Mini Post for Road Surface Mounting OVS Series (Black)

OVS Series Mini Post for Curb Mounting (23")

- 23" Mini post for curb mounting the OVS Series



Part number	Product name	Description
A1600802	OVS-MPYCURB	23" Mini Post for Curb Mounting OVS Series (Yellow)
A1600801	OVS-MPBCURB	23" Mini Post for Curb Mounting OVS Series (Black)

Anti-Vandal Cage for OVS

- Anti-Vandal Cage for the OVS-01GT and OVS-01CC



Part number	Product name	Description
A1600889	OVS-HDCAGE	Anti Vandal Cage Powder-Coated Black for the OVS-01GT and OVS-01CC

Aluminum Mounting L-Bracket for OVS-01GT and OVS-01CC

- Mounting bracket for the OVS-01GT and OVS-01CC



Part number	Product name	Description
A1600845	OVS-LBBL	Black Aluminum L-Bracket for Mounting the OVS-01GT and OVS-01CC
	OVS-LBYW	Yellow Aluminum L-Bracket for Mounting the OVS-01GT and OVS-01CC <i>*special order 30 day lead time</i>

OAM-EXPLORER

- Combination AIR and Microwave sensor for industrial doors
- Large detection area
- Configuration and fine-tuning via smartphone app



Part number	Product name	Description
31334	OAM-Explorer	MW-IR with 3 Rows Combination Sensor for Industrial Door

OAM Mount

- Mounting bracket for the OAM-EXPLORER 36"



Part number	Product name	Description
A1600953	OAM-MOUNT	Mounting Bracket for the OAM-EXPLORER 36"

OAM S Mount

- Sectional door mount for the OAM Explorer



Part number	Product name	Description
A1601022	OAM-S-Mount	Sectional Door Mount for the OAM Explorer

OAM Explorer RH

Part number	Product name	Description
C1600177	OAM-Explorer-RH	Rain Hood for OAM Explorer

Link BT-1

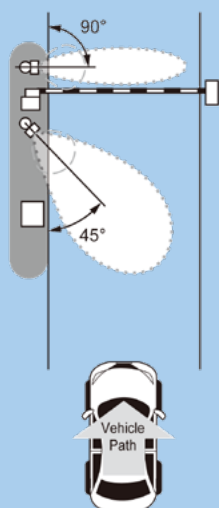
- Wireless dry contact converter for the OAM-Explorer
- Converts Bluetooth signal from the OAM-EXPLORER to a relay output



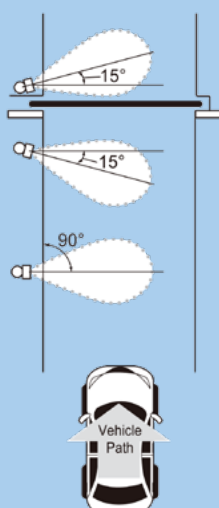
Part number	Product name	Description
31402	LINK-BT1	Wireless Dry Contact Converter for OAM-EXPLORER

OVS-02GT Preset Settings

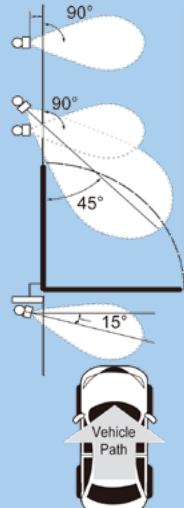
Barrier Gate



Slide Gate



Swing Gate



11 Preset Settings

- Barrier Activation 90 deg.
- Barrier Activation 45 deg (Free exit).
- Barrier Protection 90 deg.
- Slide Gate Activation 90 deg.
- Slide Gate Activation 45 deg.
- Slide Gate Protection 90 deg.
- Swing gate Activation 90 deg.
- Swing Gate Activation 45 deg.
- Swing Gate Protection 90 deg.
- Swing gate Shadow Loop 90 deg.
- Swing gate Shadow Loop 45 deg.

For product and technical inquiries, please reach out to us at:

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