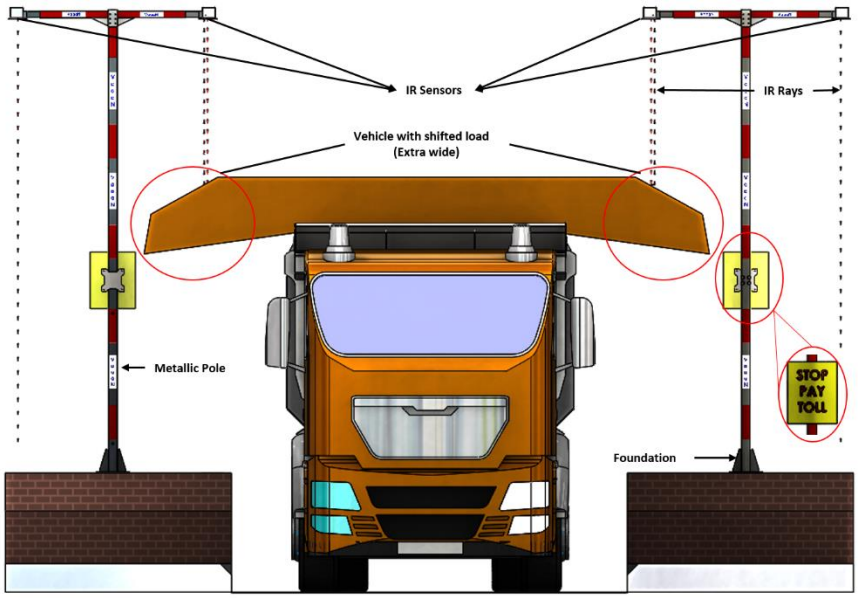
Oversize Vehicle Detector (OVD)

Technical Datasheet

VaaaN

PRODUCT INFORMATION

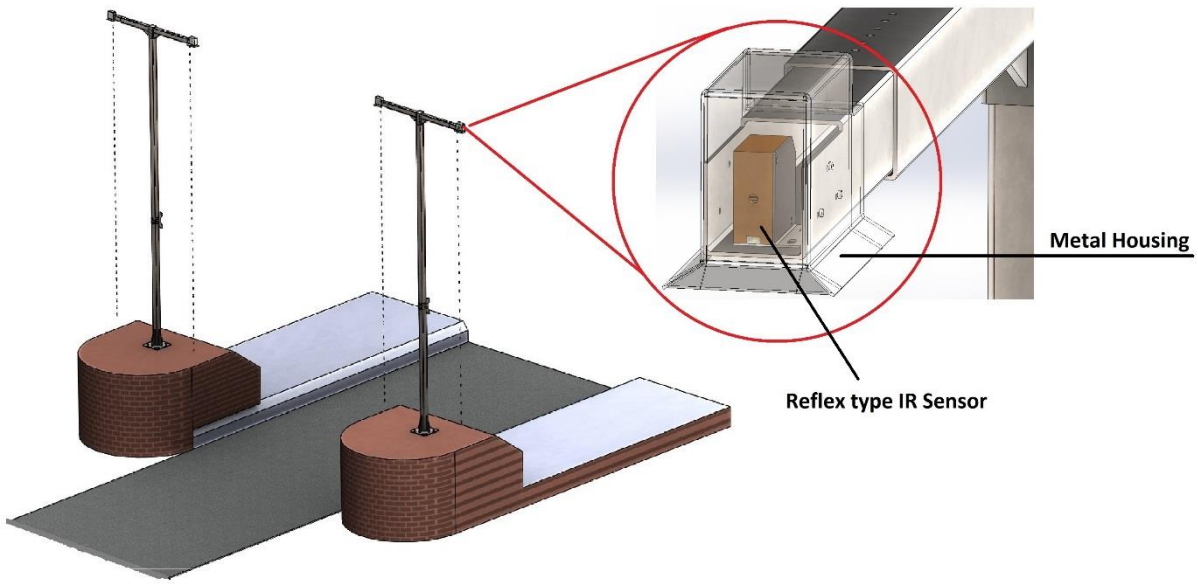


AT A GLANCE

- The Oversize Vehicle Detector is used to detect extra-wide vehicles.
- When an oversize vehicle or, a vehicle with shifted load enters a toll lane, it may damage toll booth and/or, toll collection equipment.
- **'Oversize Vehicle Detector'** would activate an audible alarm to alert the toll staff of the event.

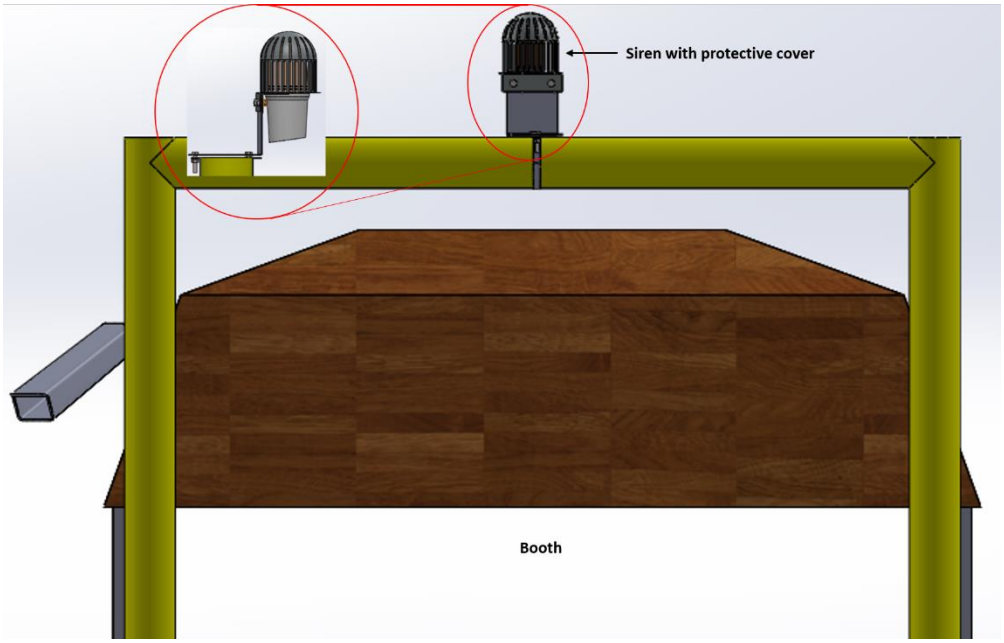
STANDARD EQUIPMENT

- Highly compact structure which uses through-beam / reflective / diffuse type IR sensors
- Uses warning light with audible sound system (siren) to alert the toll staff about entry of extra-wide vehicle in the lane
- Metallic poles with powder coating



Siren Position

- Siren will be on top of Toll Booth with stainless steel protective cover.



PRODUCT INFORMATION

Technical Specification For Siren

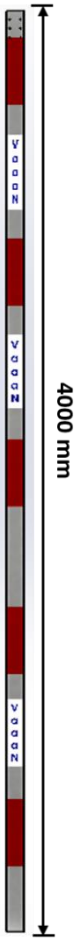
Siren operating voltage	12~30 VDC
IP Protection	IP-65
Buzzer Sound	105 dB
Operating temperature	-30…. +50 °C
Power supply	24V DC
Switch on/off	Relay based

Technical Specification For Sensor

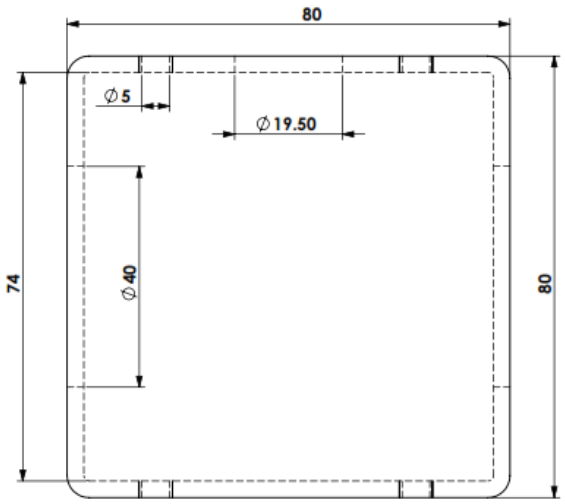
Sensor operating voltage	18~30 VDC
IP Protection	IP 65/66/67 (depending on sensor chosen)
Operating temperature	-40 ... +60 °C
Power supply	24V DC
Output Method	Relay based

Technical Specification for Gland

IP Protection	IP68, 5 bar certified
Operating temperature	-30° C to + 80° C



DIMENSIONS IN MM



Top View

SALIENT FEATURES

- OVD Mechanical parts are Mild Steel based with electroplating and powder coating for corrosion resistance.
- Siren has stainless steel protective cover & is mounted on top of the Toll Booth
- Easy assembly & installation
- All weather durability
- Minimal Maintenance
- Retroreflective tape bands (80 x 300) mm are used on the pole and arms of the OVD for clear visibility at night
- Stop sign mounting plate of mild steel with coating (400mm x 500mm) (L x H) is mounted on pole.
- ''STOP PAY TOLL'' written in red colour on the stop sign plate with yellow background.
- Font size of ''STOP PAY TOLL'' is 112 mm*65 mm (H * W).

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