STRUCTURES & INTERIORS · VEHICLE DETECTION

D-Truck Strip

L4 Layer · Ground & approaches

A pressure strip across the road that reports every unauthorised vehicle, fixed in place or deployed in minutes where you need it.



KEY BENEFITS

01 **Every entry road covered**
Close each crossing into the site, not just the main gate.

02 **Up in minutes, anywhere**
Lay a mobile strip where the risk is today, and move it tomorrow.

03 **Built on proven sensing**
The same pressure technology as the field-tested D-Pressure Strip.

HOW IT WORKS

01 **Strip on the road**
The D-Truck Strip is laid across the access route, visible or hidden.

02 **Vehicle crosses**
Wheel load on the cover passes the alarm threshold.

03 **Control box**
A hidden control box sends the alarm by cable and/or wirelessly.

04 **Response**
Cameras, the control room and D-Command Control receive the event.

SPECIFICATIONS

Based on	D-Pressure Strip PIDS
Deployment	Mobile (deployed in minutes) or fixed; visible or hidden
Alarm link	Cable and/or wireless (mobile system)
System length	Unlimited
Cover weight	Up to 350 kg
Cover height / design	To customer specification
Length of system zone	12 m, 24 m
Minimum trigger force	Usually 15 kg above the static weight of the cover; adjustable per project
Dry contact	N.O. & N.C.
Power supply	48 VDC / 12 VDC
Communication output	RS232 / RS485
Operating temperature	+72 °C to –25 °C (162 °F to –13 °F)
Storage temperature	+80 °C to –55 °C (176 °F to –67 °F)
Materials / corrosion	Stainless steel or aluminium; anti-corrosion treatment to MIL-T-152
Humidity / ingress	95%, IP65 / IP68

Transients / EMI	MIL-STD-9094; MIL-STD-461, 462
False alarm rate (catalogue)	Less than 1 per km per 3 months
MTBF (sensor)	4.7×10^8 h
MTTR	30 min
Warranty	10 years on the sensors

TENDER SPECIFICATION TEXT

1. GENERAL

The system shall be D-Truck Strip by D-FENCE Electronic Fencing and Security Systems Ltd. (ISO 9001:2015 certified quality management), or an approved equivalent that meets every requirement in this section.

2. FUNCTION

A pressure strip across the road that reports every unauthorised vehicle, fixed in place or deployed in minutes where you need it.

3. THE SYSTEM SHALL PROVIDE

- **Mobile or fixed:** A mobile strip is deployed in minutes; a fixed one is built into the road.
- **Visible or hidden:** A visible deterrent, or a strip nobody knows is there.
- **Cable or wireless:** Mobile systems send alarms by cable and/or wirelessly.
- **Remote sites:** Agricultural fields, oil and water wells, telecommunication stations.
- **Heavy-duty cover:** Covers of up to 350 kg; stainless-steel or aluminium parts; IP65 / IP68.
- **Adjustable threshold:** Usually 15 kg above the cover weight, adjustable per project.

4. TECHNICAL REQUIREMENTS

- **Based on:** D-Pressure Strip PIDS
- **Deployment:** Mobile (deployed in minutes) or fixed; visible or hidden
- **Alarm link:** Cable and/or wireless (mobile system)
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- **Transients / EMI:** MIL-STD-9094; MIL-STD-461, 462
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- **MTBF (sensor):** 4.7×10^8 h
- **MTTR:** 30 min
- **Warranty:** 10 years on the sensors

5. DETECTION SEQUENCE

1. **Strip on the road:** The D-Truck Strip is laid across the access route, visible or hidden.
2. **Vehicle crosses:** Wheel load on the cover passes the alarm threshold.
3. **Control box:** A hidden control box sends the alarm by cable and/or wirelessly.
4. **Response:** Cameras, the control room and D-Command Control receive the event.

6. SUBMITTALS

Before installation, the contractor shall submit the manufacturer's datasheet, the installation instructions and the zone layout for approval.