PERIMETER · LINEAR INFRASTRUCTURE

D-Palisade

L5 Layer · Critical assets

A patented stainless-steel sensor that turns cable tunnels, pipelines and palisade fences into barriers that report forced damage.



KEY BENEFITS

01 **Made for linear infrastructure**
Mounts on cable tunnels, pipelines and existing palisade fences.

02 **Stainless steel, vandal-resistant**
Built to withstand extreme weather and vandalism in the field.

03 **Install and forget**
Simple installation and no routine maintenance.

HOW IT WORKS

01 **Sensor on the structure**
D-Palisade bolts onto the tunnel, pipeline or palisade rail already in place.

02 **Force measured**
The dual-chip pressure sensor registers force applied by a vandal or intruder.

03 **D-FENCE controller**
The controller reports the event with its zone.

04 **Command and response**
The alarm reaches D-Command Control or your security system; AI-EYE IN THE SKY and NOA can verify on site.

SPECIFICATIONS

Application	Cable tunnels, pipelines, palisade fences and other linear infrastructure
Sensor	D-FENCE dual-chip pressure sensor
Construction	Stainless steel, high vandal resistance
Mounting	On top of the existing structure; retrofit, plug and play
Detects	Force applied to the structure (forced damage)
Sensor post (drawing)	80 × 80 mm section, 2.5 mm wall, 2,000 mm high, 160 mm base plate
Maintenance	No routine maintenance
Integration	D-FENCE controller to D-Command Control or existing security systems
Patent	Patented (CN utility model, granted 2023)

TENDER SPECIFICATION TEXT

1. GENERAL

The system shall be D-Palisade 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 patented stainless-steel sensor that turns cable tunnels, pipelines and palisade fences into barriers that report forced damage.

3. THE SYSTEM SHALL PROVIDE

- **Dual-chip pressure sensor:** Based on the D-FENCE dual-chip pressure sensor.
- **Stainless-steel body:** Ultra-strong stainless-steel construction with high vandal resistance.
- **Fits what is already there:** Mounted on top of cable tunnels, pipelines and existing palisade fences.
- **Detects forced damage:** Registers the force a vandal applies to the structure.
- **No routine maintenance:** Simple to install and virtually maintenance-free.
- **One cable-protection system:** Shares the D-FENCE controller with D-Tech and D-Pressure Strip.

4. TECHNICAL REQUIREMENTS

- **Application:** Cable tunnels, pipelines, palisade fences and other linear infrastructure
- **Sensor:** D-FENCE dual-chip pressure sensor
- **Construction:** Stainless steel, high vandal resistance
- **Mounting:** On top of the existing structure; retrofit, plug and play
- **Detects:** Force applied to the structure (forced damage)
- **Sensor post (drawing):** 80 × 80 mm section, 2.5 mm wall, 2,000 mm high, 160 mm base plate
- **Maintenance:** No routine maintenance
- **Integration:** D-FENCE controller to D-Command Control or existing security systems
- **Patent:** Patented (CN utility model, granted 2023)

5. DETECTION SEQUENCE

1. **Sensor on the structure:** D-Palisade bolts onto the tunnel, pipeline or palisade rail already in place.
2. **Force measured:** The dual-chip pressure sensor registers force applied by a vandal or intruder.
3. **D-FENCE controller:** The controller reports the event with its zone.
4. **Command and response:** The alarm reaches D-Command Control or your security system; AI-EYE IN THE SKY and NOA can verify on site.

6. SUBMITTALS

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