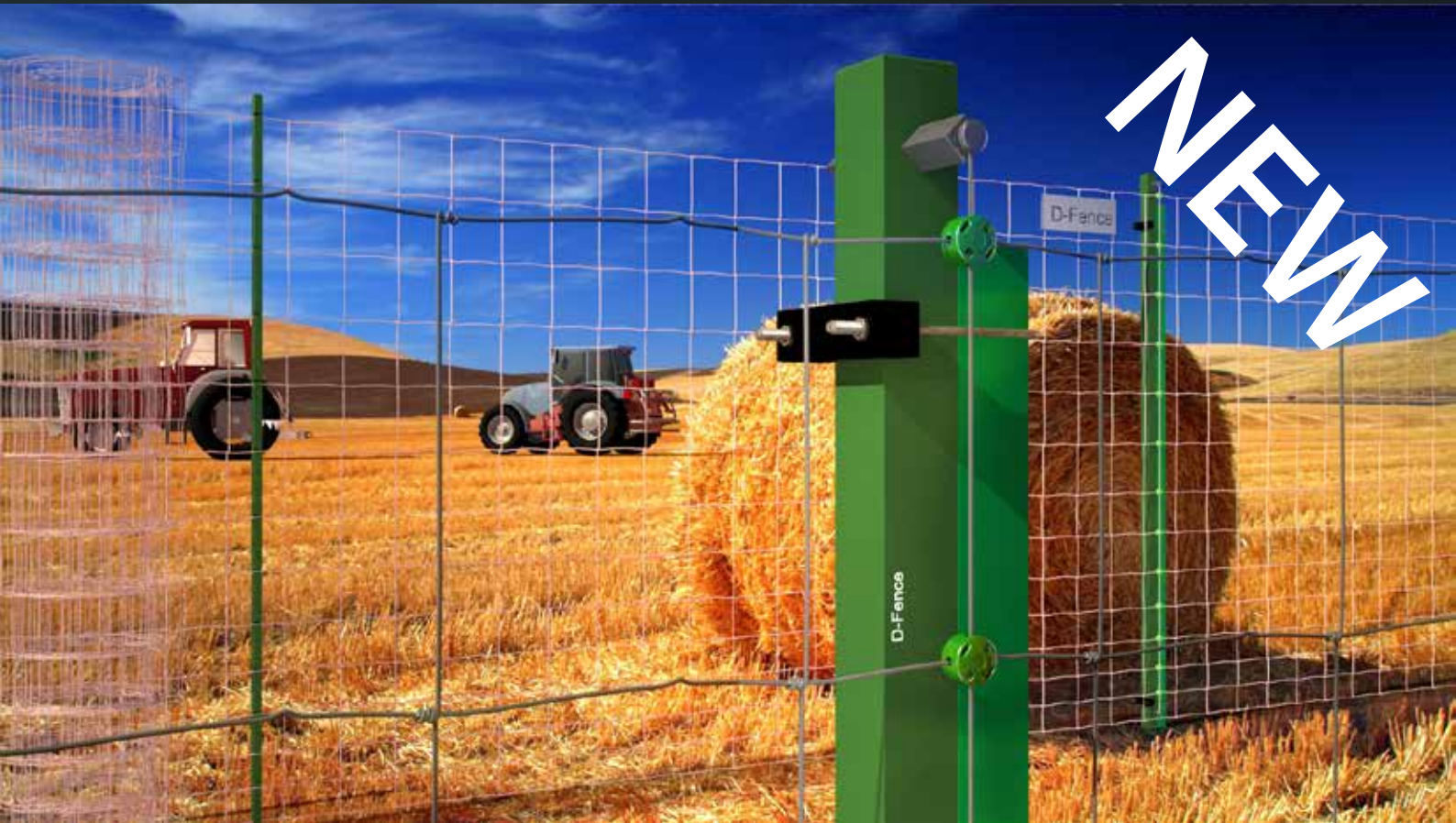


Patent Pending

GREEN SECURITY REVOLUTION



ELECTRONIC FIELD FENCE PERIMETER INTRUSION DETECTION SYSTEM Simple and advanced Perimeter Protection

The Electronic Field Fence PIDS is D-Fence's newest development in Perimeter Security. Based on the well know and cost-effective Field type fences, they system is very easy and fast to deploy and install in any height needed, without the need for special skills or tools, and it can be installed into existing fences or walls (Retrofit) or as a Stand-Alone system in places where there is no fence.

D-Fence's unique sensor posts are installed every 50 mts. and specially designed wire connectors attach the fence wires to the sensor post, providing constant sensibility throughout its whole length. The system provides immediate and accurate detection in any event of an intrusion by way of climbing or cutting the fence activating D-Fence's unique Strain Gauge Sensor that is typically set to alert when forces greater than 15 kgs. are applied to it. This ensures that the system will not be activated by small animals, vegetation, weather conditions or any other environmental factors in the area so there are Zero False Alarms.



APPLICATIONS

Water Security

Protection for water sources, reservoirs, water pipes and valve stations etc. against theft or sabotage.



Oil Security

Protection for oil wells, oil pipes, pumping stations, valve stations, etc. against theft or sabotage.



Railroad and Steel Track Security

Protection for railroads and railways against animals crossing the tracks, people approaching with the intention to steal or sabotage the equipment, early alarm in cases of rock or snow avalanches, etc.



Agricultural fields

Protection against intrusions into agricultural fields, plantations, orchards, etc. with the intention to steal crops, equipment, livestock, etc.

Packing plants

Protection against intrusions with criminal intent.



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Tel. 972-8-9256257 / Fax. 972-8-9256442 / dfence@d-fence.com / www.d-fence.com

Physical Description

Fence Length	Practical limitation
Fence Height	According to customer specification
Length of system zone	Not exceeding 100 m

System Unit Processor

Unit Dimensions	250x55x25 mm (L*W*H) 200 gr. (weight)
Processing Unit	Up to 32 sensors per processing unit
Deflection Force	15 KG of force and above will activate alarm
Dry Contact	N.O & N.C 1A@48VDC
Power Supply	12mA@48VDC
Communication Output	RS232

Environmental Conditions

Temperature Range of Operation	+72°C to -25°C (162°F to -13°F)
Storage Temperature	+80°C to -32°C (176°F to -26°F)
Corrosion	All system parts receive anti-corrosion treatment according with MIL T 152
Humidity	95%
Lightning & electronic transients	MIL STD 9094
EMI & RFI	According with MIL STD 461, 462

Reliability and Maintainability

False Alarm Rate	Less than 1 per Km. per 3 months maximum
MTBF Sensor	4.7x10 ⁸ hours
MTTR	30 minutes
Warranty	10 years for the sensor

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