



Pulse electronic fence

System introduction

The pulse electronic fence is the abbreviation of the intelligent perimeter security blocking alarm system. It changes the traditional mode of simple post-alarm in the previous perimeter prevention, emphasizing that it mainly focuses on blocking (visible fences, creating intrusion barriers), and alarms (sound and light). Alarm and linkage with other security systems) is a new international perimeter security concept supplemented by deterrence (reducing the desire to commit crimes).

It consists of a pulse electronic fence host and a pulse electronic fence front end. The host sends a safe high-voltage pulse power and transmits it to the front end of the fence (alloy wire). The host monitors whether there is a short circuit or open circuit in the pulse current to determine whether it is invaded. When someone invades, the host sends an intrusion alarm signal to the alarm linkage device and the control device at the same time.

About impulse electronic fence



Install the effect of infrared beam



The effect of installing electronic fence

"Alarm-based" changed to "Block-based"

- The latest security concept "blocking first, alarming second", overturns the traditional security system's concept of "alarming first", and is the current development trend of technical defense technology. Surveillance cameras, passive infrared detection, active infrared beaming and so on, they can all record criminal behaviors, and can send out alarm signals, but they can't effectively stop illegal and criminal behaviors.
- But if we use pulse electronic fence, it can play a more comprehensive role.

Psychological Deterrence-Physical Barrier-High Pressure Strike

- A set of pulse electronic fence system can complete the deterrence and prevention from the heart to the action. Our goal is not to punish crimes, but to stop the occurrence of illegal acts, which is in line with the latest security concept in the world "blocking is the main thing, and the alarm is the auxiliary ",In addition, considering the comprehensive factors of installation, debugging, maintenance, and service life, the electronic fence is obviously a better choice than the existing perimeter security products.

The difference between pulse electronic fence and high voltage power grid

High-voltage power grid

Implementation of Ministry of Public Security GA247-2000

High impact power, certain damage to the human body, certain restrictions on the installation site

High installation cost

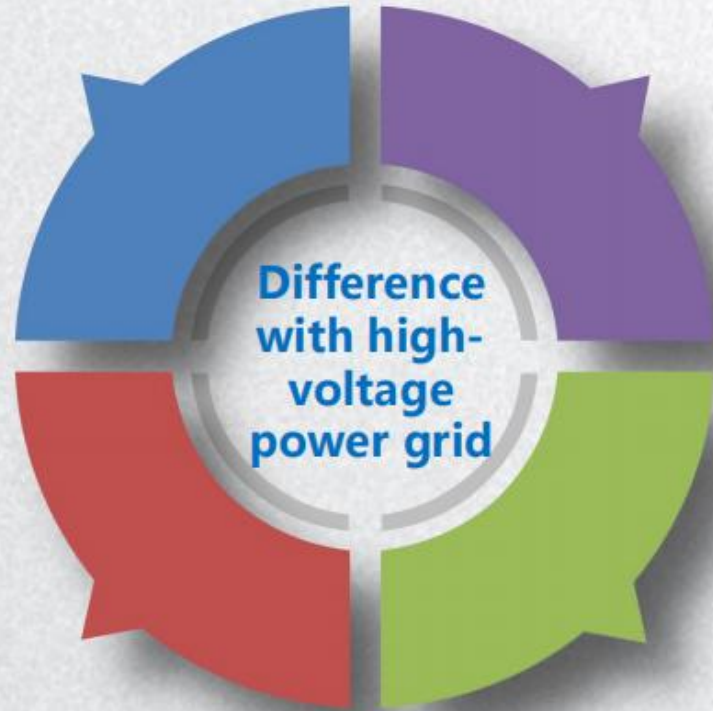
Host technical parameters

Peak output voltage: 1-4 channels
5KV

touch net strike power: 40mC

System recovery time <20S

Power consumption: <50W



Pulse electronic fence

Implementation of the national GB/T 7946-2008 standard to combat low electricity, no harm to the human body

No restriction on installation place, low installation cost

Host technical parameters

Output voltage peak : 5KV-10KV

output current peak : <10A

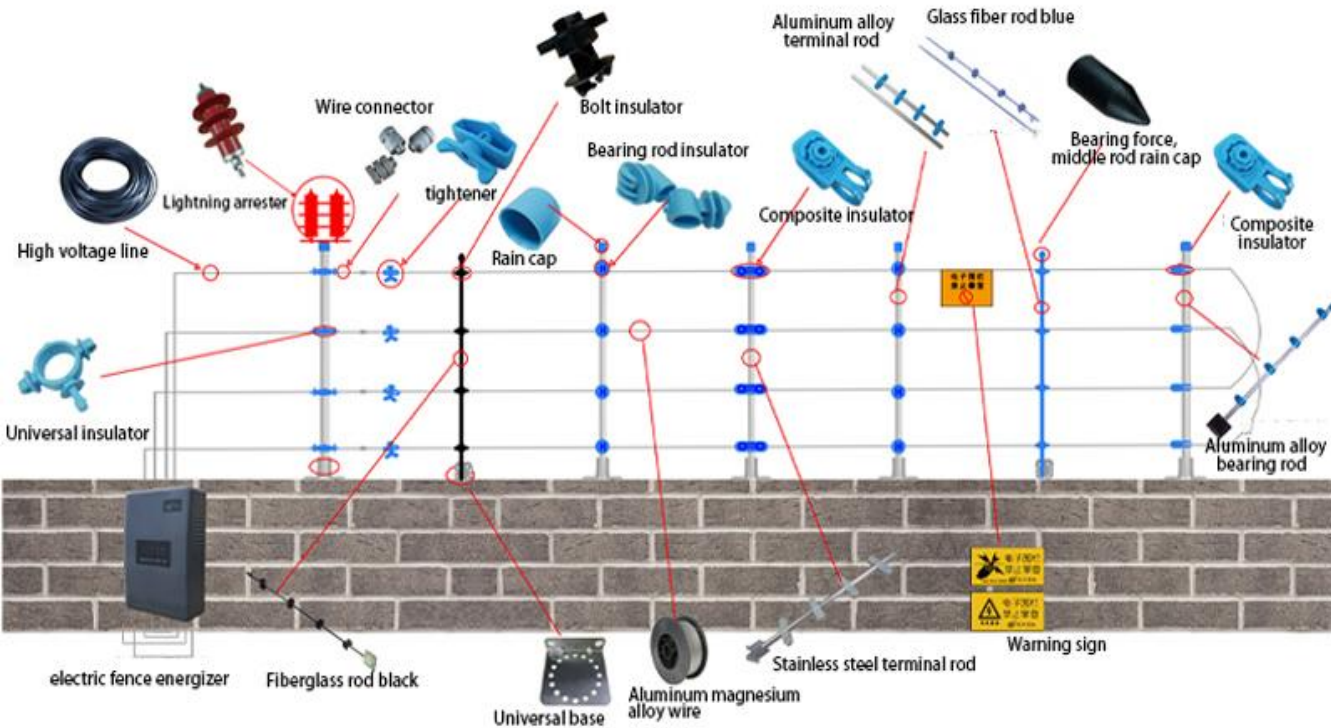
Pulse duration : $\leq 0.1S$

pulse power : $\leq 2.5mC$

pulse output energy : $\leq 5.0J$

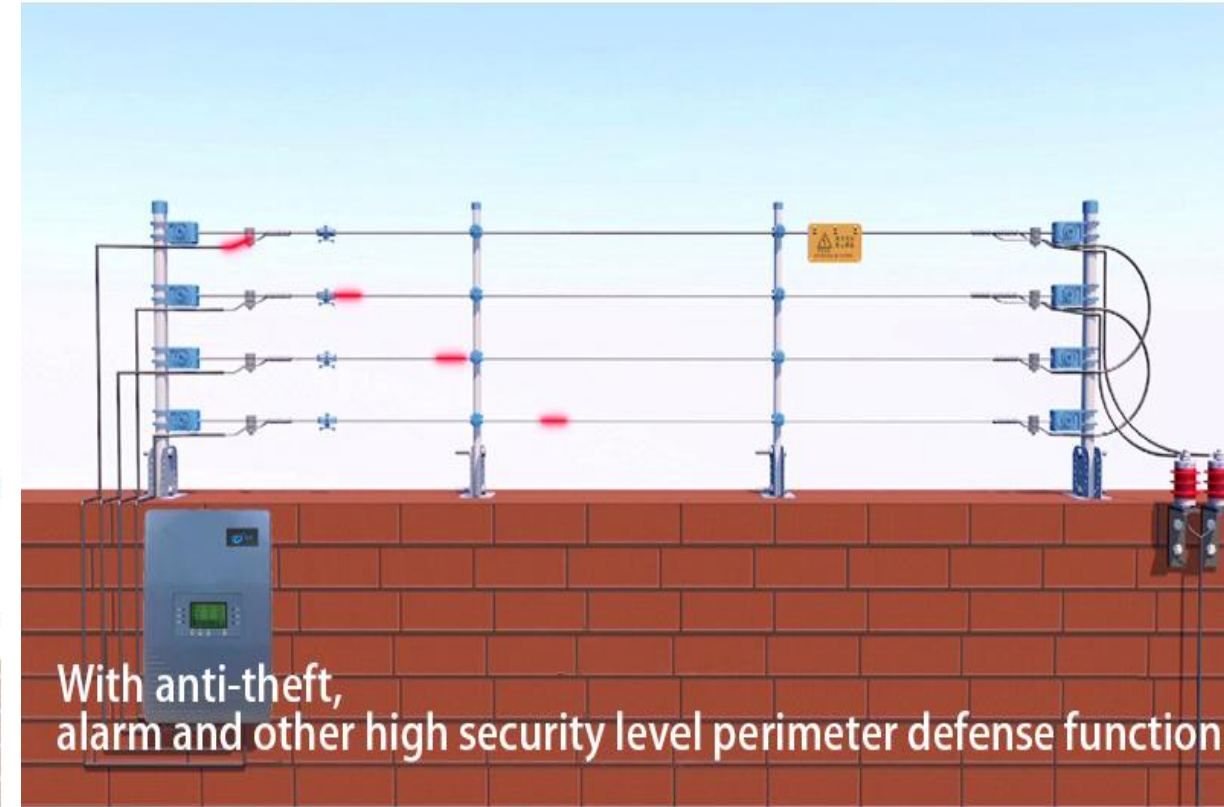
system power consumption : 15W

Composition of electric fence



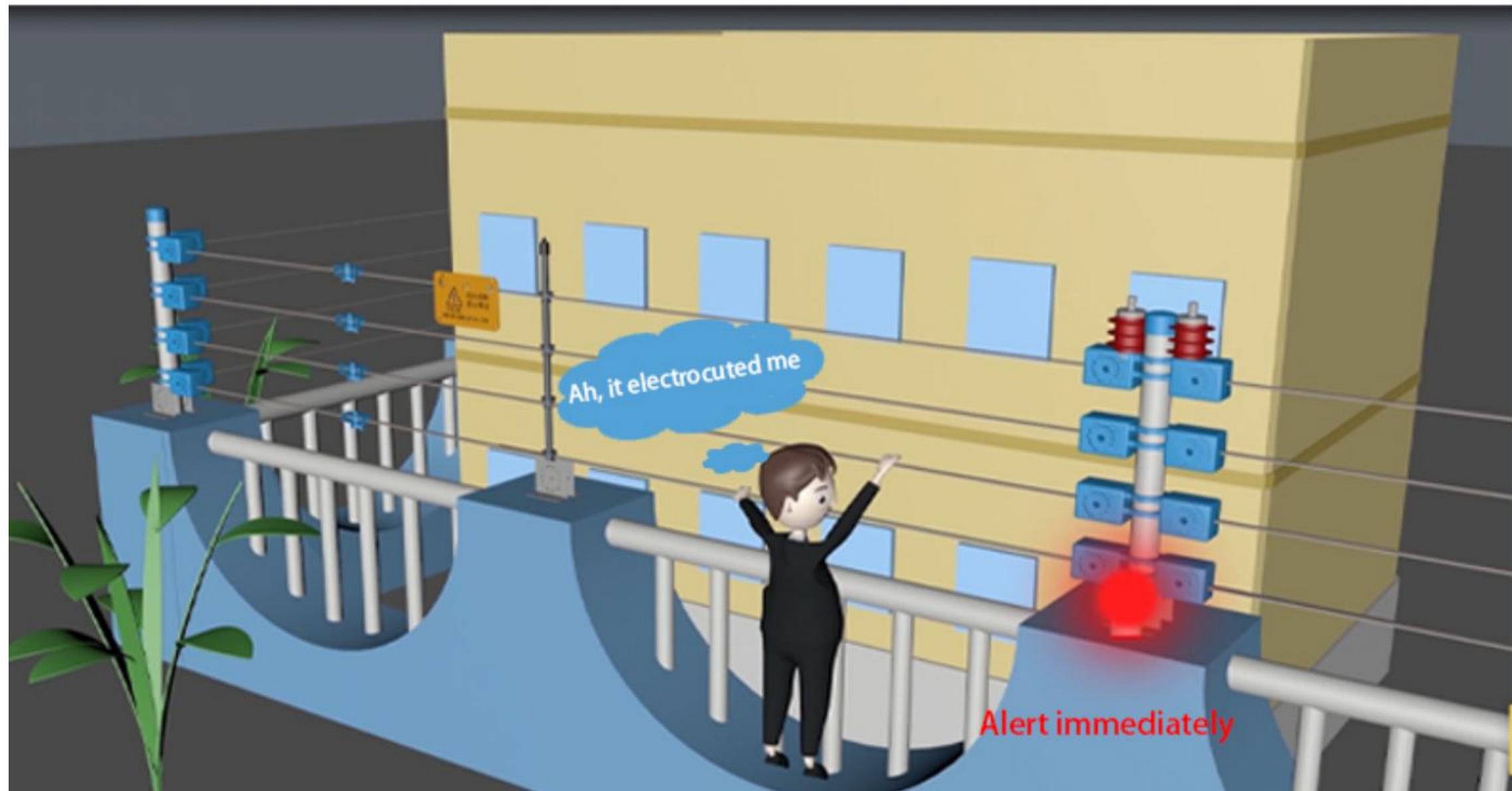
Pulse electric fence system, host, accessories

Factory direct sales, professional manufacturing

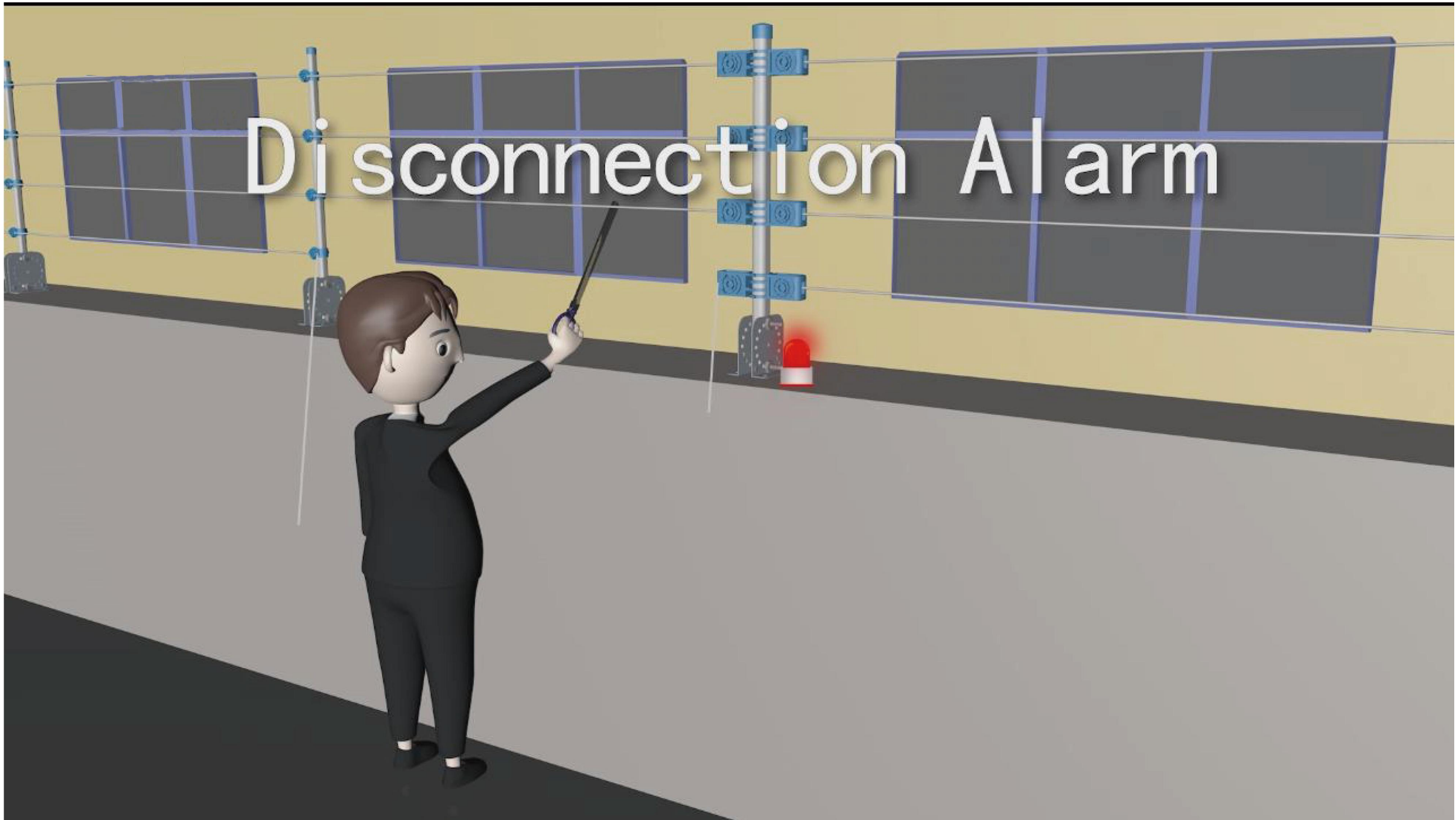


Electric shock can cause strong pain, but it is not life-threatening

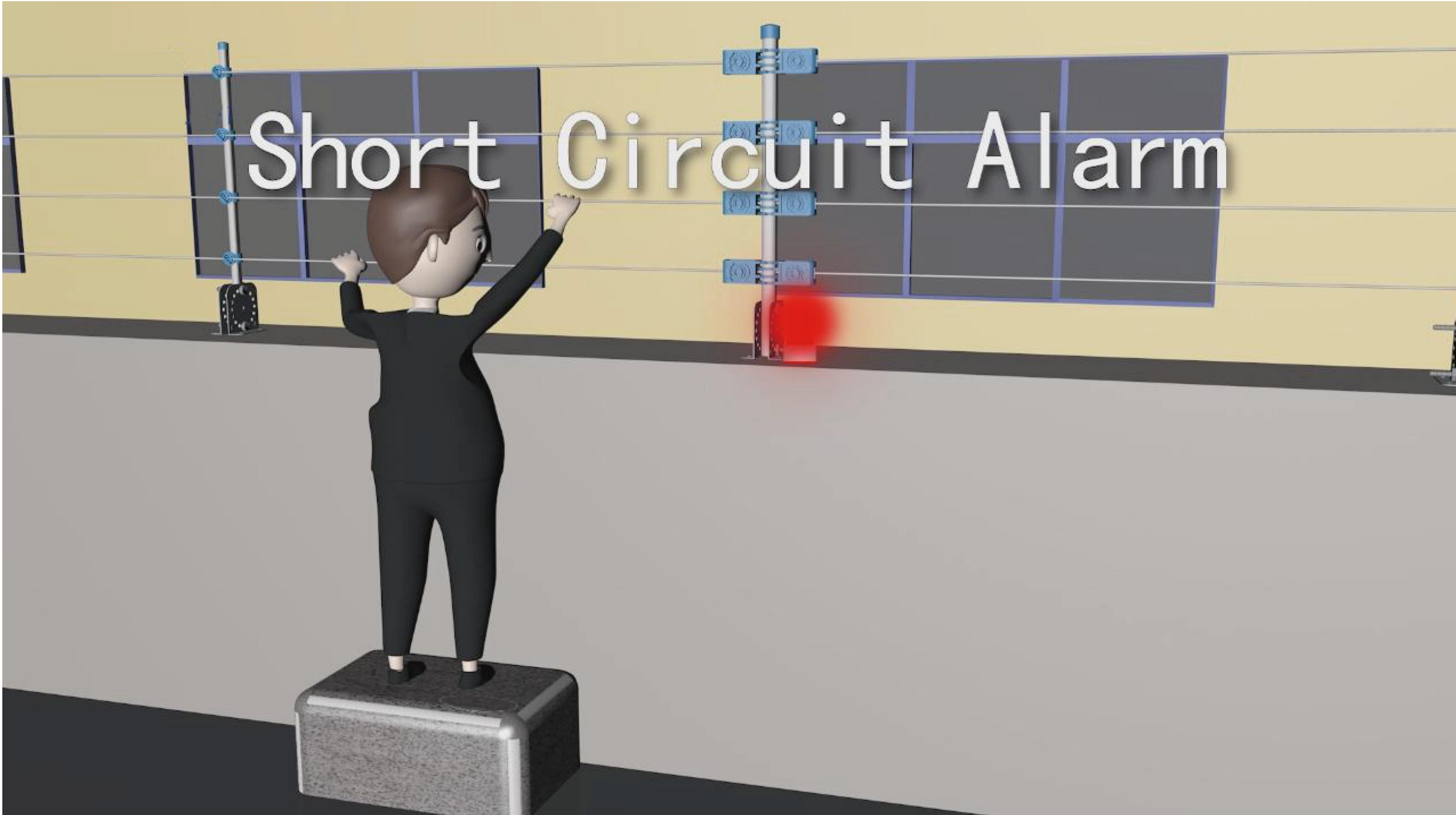
The high-voltage pulse electric fence system gives an instantaneous pulse electric shock to the intruder to deter him from crossing.



Disconnection Alarm



Short Circuit Alarm



Pulsed electric fence



It has perimeter protection function of high security level such as anti-theft and alarm

After stealing ran



The result of not installing electric fence

be unable to enter



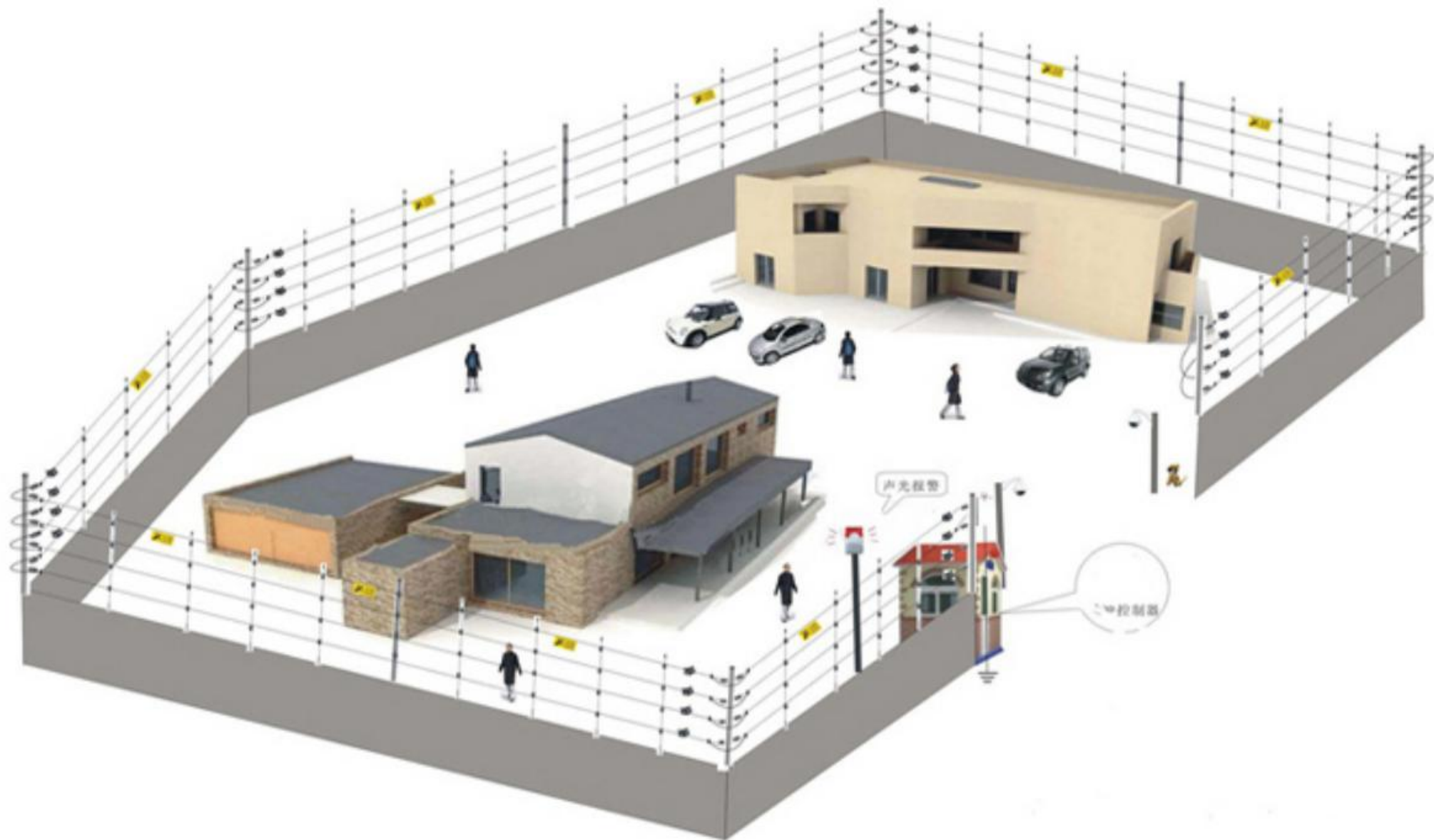
The effect of installing an electric fence



Touch, short circuit and disconnection **alarm**

Electric shock can cause strong pain, but it is not life-threatening

Schematic diagram of electric fence



Pulse electronic fence application range



School



community



villa



high-speed rail



factory



airport



waterworks



Troops / bases



Detention house



Warehouse



transformer substation



Perimeter border

