Sensing Danger

Perimeter detection solutions

GALLAGHER™

Detect and protect

As the first cordon of security, perimeter detection solutions offer quick and reliable detection of any unauthorized entry or exit from your premises, ensuring an appropriate response.

With knowledge comes power. Intelligent detection at the perimeter ensures a more effective and targeted response to security threats, focusing attention where it's most needed and reducing time spent responding to false alarms.

Improved security response capabilities reduce the need for guard patrols, saving money and minimizing the potential for human error. Emergency management processes that protect people, property and information on site are also enhanced, ultimately ensuring business continuity and reducing costs associated with security breaches, theft and damage.
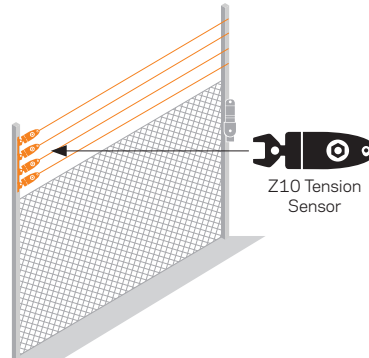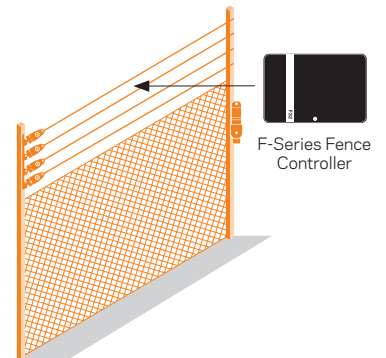
Detect then respond

1st detection vibration or movement using the Z20 Disturbance Sensor

Z20 Disturbance Sensor
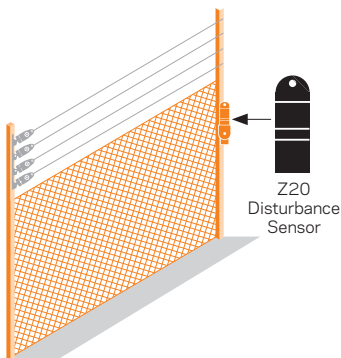
2nd detection change in wire tension using the Z10 Tension Sensor

Z10 Tension Sensor

Respond using deterrent, siren, strobe, flood lighting, etc

F-Series Fence Controller

Sensor detection benefits

- Reduced need for guard patrols, saving money and minimizing human error.

- Improved emergency management processes and response times.

- Ensure business continuity and avoid the significant costs associated with security breaches, theft and damage.

- Provide no-harm detection capabilites – reduced risk to staff.

Z20 installed
on fence

Z20 installed in warehouse to
detect removal of exterior cladding

Camera and flood
lighting response

F-Series Fence
Controller response

Z10 Tension
Sensor

Siren or strobe
response
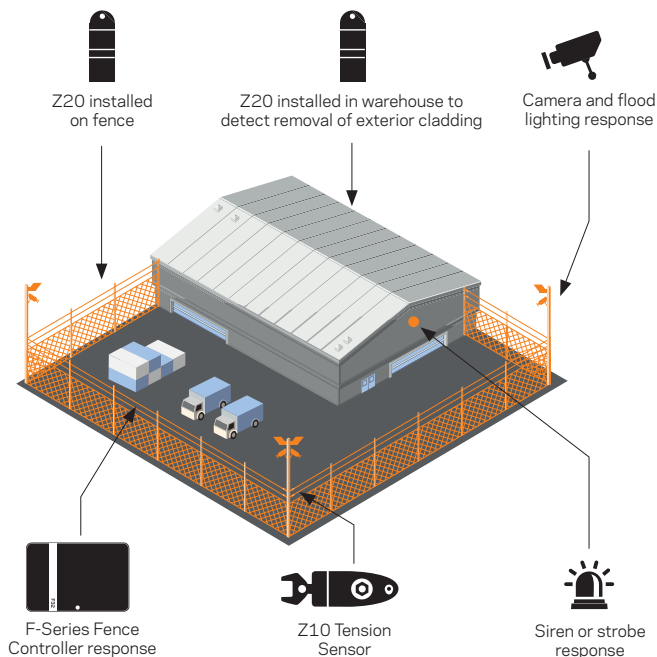
Perimeter detection products

Adjustable sensors monitor and report on fence vibration or movement, wire tension and integrity, detecting both fast and slow attempts to breach the perimeter and triggering a security response, based on predefined criteria.

- Gallagher Z10 Tension Sensor measures wire tension to detect mechanical disturbance or movement of the wires.

- Gallagher Z20 Disturbance Sensor detects vibration or movement of the fence structure.

- Gallagher F-Series Fence Controllers allow the fence to be controlled from an alarm panel or networked for integration with Gallagher Command Centre.

The responsive approach

When perimeter detection is installed as part of a responsive solution, you can ensure that your response is appropriate to the level of threat.

Responsive security offers many opportunities to delay, deter and detect: at the outer and inner perimeter of a site, the exterior of buildings or key infrastructure, and at access points to enter a building or move between parts of a building.

As part of a responsive security approach, perimeter intrusion sensors can trigger alerts, alarms or other pre-defined responses without the intruder being aware.

This can prompt video verification of the intrusion, or act as a 'first knock', triggering an escalated security response.

When integrated with Gallagher Command Centre, for example, a guard might receive an alert on their mobile phone, check the perimeter status and remotely inspect the zone via CCTV, before deciding on the best course of action. This is one way to manage site security in less obtrusive or non-aggressive way.

In higher-risk installations, the detection of an unauthorized disturbance at the perimeter could prompt a sterner response – escalating from using a monitored fence in detection mode, to energizing the fence at a range of levels from low-feel through to high-voltage or high-voltage plus.

Using Gallagher perimeter detection products as part of your responsive security solution is a people-friendly and responsible way to manage site security, without compromising on safety.

Part numbers

C201311	Command Centre	G21920	F31 Fence Controller
2A8559	Command Centre Mobile Client	G21940	F32 Fence Controller
C300100	Controller 6000	G21930	F41 Fence Controller
G13110	Z10 Tension Sensor	G21950	F42 Fence Controller
G13310	Z40 Voltage Booster	G21965	F3 Cable Manager
G12915	Z20 Disturbance Sensor	G28811	N11 RS485 Fiber Transceiver

To learn more about Gallagher's perimeter detection solutions visit security.gallagher.com

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