

5 REASONS

to use ATEX Infra-Red Beams - GS100

Pulse Modulated Active Infra-Red Beam for
Hazardous Areas Zone 1 or Zone 2



1. DETECTION RELIABILITY

The GS100 is designed to provide precise and effective detection solutions. The dual beam technology is extremely reliable as both beams must be broken simultaneously to trigger an alarm or CCTV recording. The optical alignment module ensures the beam path is accurately aligned between the TX and RX for optimum performance in all weather conditions. The GS100 is also IP66 rated, which ensures extremely reliable detection performance throughout all weather conditions.

2. HIGH LEVEL SECURITY

The GS100 incorporates high security 'Asynchronous', and 'Synchronous' beam set alignment, allowing multiple sets of beams to be installed on the same site, or stacked above each other for greater detection without cross interference. The GS100 also has a bi-optical beam transmission system to enhance the stability and reliability of the device.

3. RUGGED DESIGN

The GS100 IR beam set is ATEX certified and is suitable for use within the petrochemical and oil sectors, as well as other similar industries where explosion, flame, weather or dust proof housings are required. A robust heat strengthened plate glass aperture is included in the design. It also incorporates an integral heater module, which helps combat the build-up of condensation. The GS100 is also fitted with a tamper switch, which activates if vandalism occurs.

5. LONG RANGE DETECTION

The GS100 can operate at ranges from 10m to 100m.

4. PROTECTION IN HAZARDOUS LOCATIONS

The GS100 is an ATEX approved, pulse modulated active IR beam for hazardous areas zone 1 and zone 2. The GS100 provides advance warning of potential intruder threats or safety breaches, providing total peace of mind to people on the site.



**For further information please call
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