

Military Hangar Security and Safety

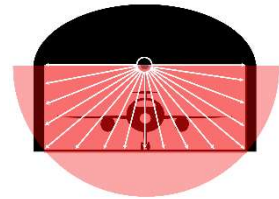
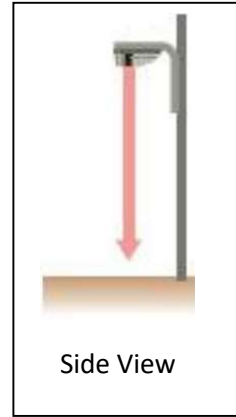
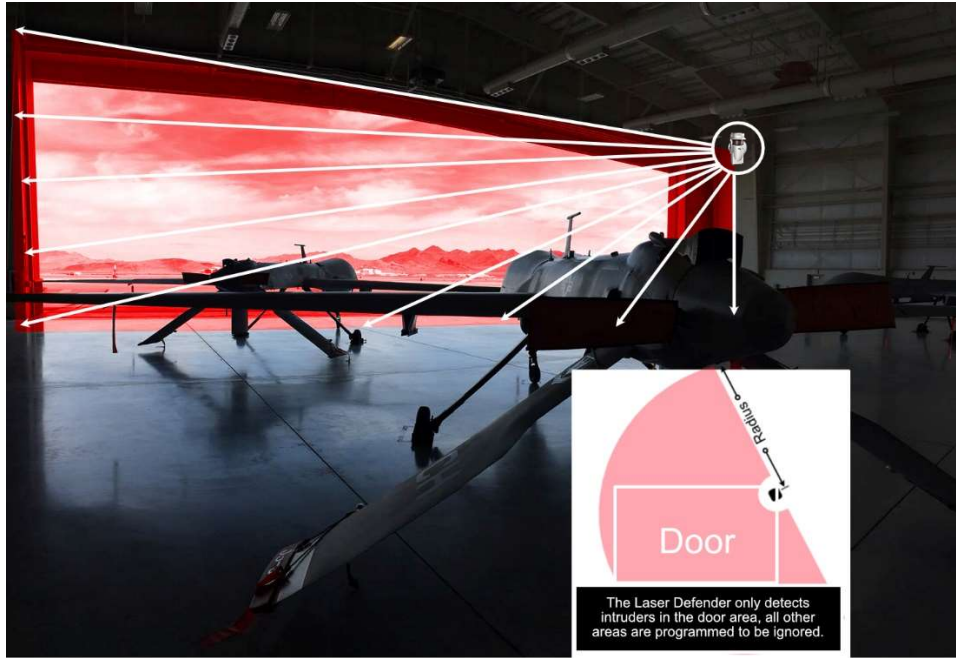
Laser Defender LD308SH™ and LD204S™ Laser Scanner



The safety hazards, security issues, and potential damage to military aircraft in hangars have always been a concern. Laser scan sensors provide a good solution for solving many issues, including:

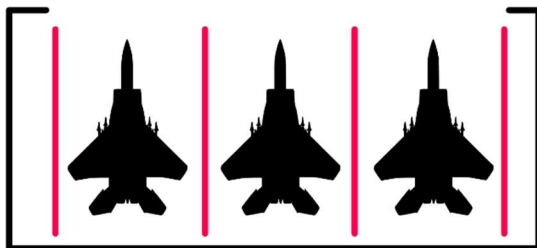
- Securing bay and man doors
- Creating controlled areas within the hangar for critical resources
- Isolating areas for each aircraft to prevent “hangar rash”

The LD series sensors form a plane that can act as an invisible wall or ceiling. Not only can a moving object be detected upon entering the plane, but its location, size, and speed are determined.



Sensitive areas such as hangar doors and overhead doors are easy access for intruders. By deploying these detectors to form an invisible vertical wall, intruder ingress can be detected while aircraft can egress with no physical barriers hampering movement.

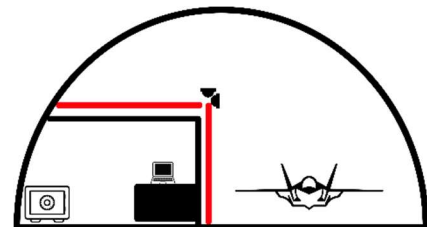
Critical assets such as controlled aircraft can be protected by mounting three or more Laser Defender units in vertical mode from the ceiling, allowing the entire asset to be protected. This deployment is ideal in situations where you need to know if anyone unauthorized tries to access an aircraft even in a busy hangar full of distractions.



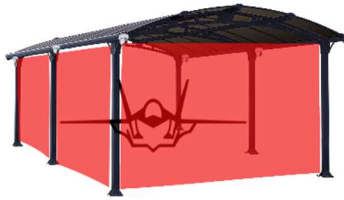
When working with large aircraft, there is always a risk of running one aircraft into another, causing damage to both aircraft. This risk is mitigated by using the Laser Defenders to trigger an alarm notifying personnel of potential collisions and damage.

Many military or government sites

often contain restricted areas where access must be controlled, and intrusion detection is a must. The Laser Defender laser scanners can not only be used for walls, but also as ceilings. A common application is to place the detector covertly above drop-ceiling panels. Any attempt to lift the ceiling tiles or enter from the area above the tiles will generate an alarm.

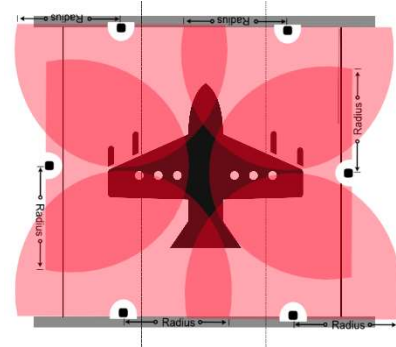


Aircraft parked under sun shelters can also be protected. There are no barriers obstructing egress when using this detection technology. Vertically mounted sensors ensure full detection without creating physical restrictions.



By placing the Laser Defenders in a horizontal mounting position, intruders ingressing through the top of an open aircraft storage area can easily be detected. Arranging the detectors along the perimeter of the facility provide ideal coverage.

There are additional uses for the Laser Defender laser detectors in hangar applications. For instance, these detectors can be used to create an invisible ceiling or can be used in mobile applications to deploy around a single aircraft.



LD308SH	LD204S
165' radius detection range with an arc of 190°	20m x 20m (65 ft. x 65 ft.), 95° detection area
Vertical and horizontal detection modes	PoE(+)
Detects a moving object's size, speed, and distance from the detector and processes the information with a unique algorithm	Vertical and horizontal detection modes
Eight logical independently adjustable detection areas for IP connections	Multi-angle adjustment shell structure
Five programmable form C relay outputs	Environmental disqualification circuit
USAF approved (AEL)	Three output for analog connections
	Four adjustable detection area for IP connections
	USAF approved (AEL)

Fiber SenSys sales and support staff can assist with your application design.

For more information, contact us at
info@fibersensys.com
 Tel: +1(503) 692-4430
 Toll free (US) +1(800) 641-8150
www.fibersensys.com

