



**ARES FIRE AND  
SAFETY SYSTEMS LLC**

**LASER WARNING AND SMOKE  
GRENADE SYSTEMS**

# AFSS SGS-3 CONTROL UNIT



- **AFSS SGS-3 Control Unit** is a control unit which can automatically control laser and smoke grenade systems.

It has capability of:

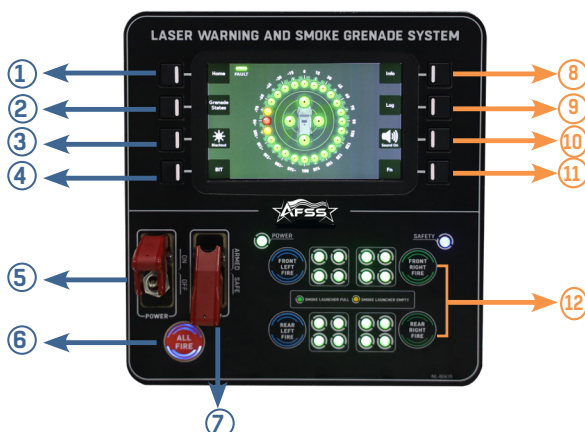
- Detection
- Classification
- Transmitting incidence angle to the user on digital system
- Keeping log record for laser warning system against laser threats as per NATO Stanag 3733 standards.

AFSS SGS-3 Control Unit which can control Laser Warning system and laser grenade launcher system, has a structure that combines the leading edge and the most aesthetical specifications of its kind. It enables automatic and manual smoke grenade control.

## GENERAL SPECIFICATIONS

» Laser warning system control capability	» Power Consumption: 24 VDC nominal (16-32 V)
» Opportunity to control laser warning system and smoke grenade automatically and switch between systems	» Dimensions: 180x155x116 ±5 mm
» Capability to control up to 16 smoke grenades	» Weight: Control Unit: 1.9 ±0.3 kg
» Built-In Test Function (BIT)	» IP67 Water and Dust Ingress Protection
» Capability to detect and control two different types of smoke grenades	» Production as per IPC-A-610G Class 3 Standards PC
» Communication Interface: CAN-BUS /RS422 / RS232 Fast Ethernet	» MIL-STD-810G, MIL-STD-461, MIL-STD-1275E STANAG-3733
» Operating Temperature: -32°C / +49°C » Storage Temperature: -55°C / +85°C	» Capability to Communicate with Other Systems

## BUTTON SPECIFICATIONS



1.	Return main screen	7.	Switch armed and safe modes
2.	Show grenade states	8.	System information button
3.	Activate blackout mode	9.	Show alarm logs of laser detectors
4.	Build-in-test	10.	Mute and unmute buzzer
5.	Power switch	11.	Function button
6.	Fire all grenades	12.	Fire selected direction's grenades