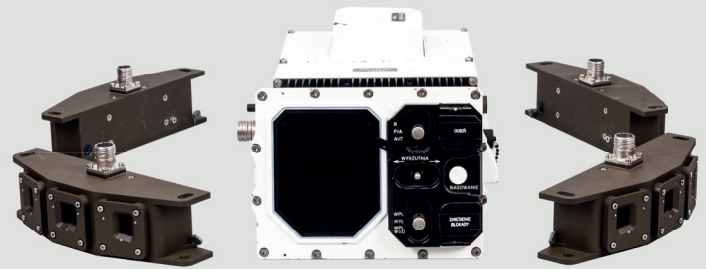




SSP-1

LASER WARNING SYSTEM

SSP-1 laser warning system is a device intended for detection of vehicle and military object irradiation through impulse rangefinders and laser illuminators. The system can operate with smoke grenade launcher in order to provide smoke screen in the direction from which irradiation appeared.



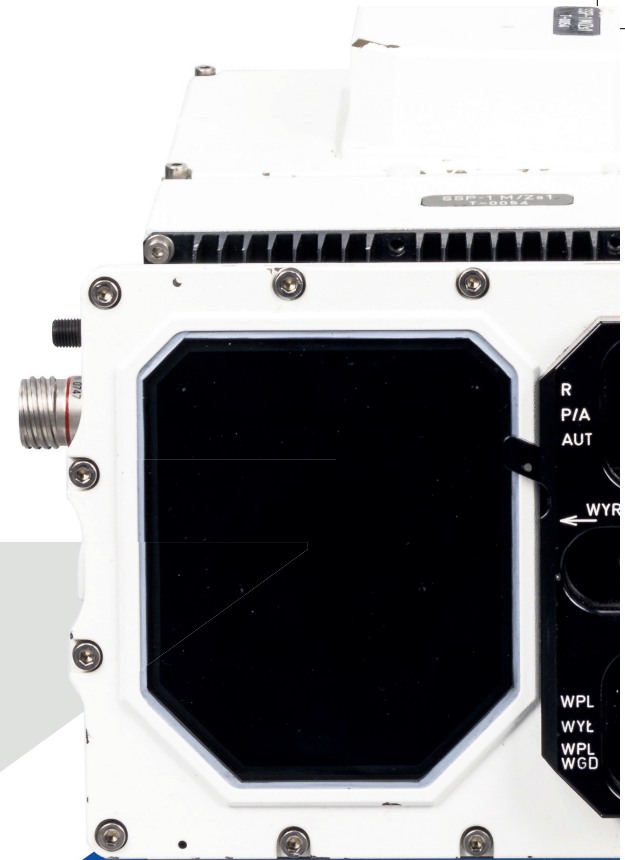
TECHNICAL PARAMETERS

| | |
|---|--------------------------------------|
| NUMBER OF DETECTION HEADS | from 4 to 8 |
| SPECTRAL RANGE OF IRRADIATION SOURCE DETECTION | 0,6 μm ÷ 11 μm |
| ANGULAR RANGE FOR DETECTION IN VERTICAL PLANE | -6° to +30° |
| ANGULAR RANGE FOR DETECTION IN HORIZONTAL PLANE | 0° to 360° |
| NUMBER OF DETECTED IRRADIATION DIRECTIONS | 20 sectors, 18° each |
| NUMBER OF OPERATED SMOKE GRENADE LAUNCHERS | up to 24 |
| SYSTEM POWER VOLTAGE | 18V ÷ 30 V |
| POWER CONSUMPTION | 2,3 A |
| OPERATION TEMPERATURE | -30°C to +55°C |
| HEAD WEIGHT | 1,2 kg |
| ELECTRONICS BLOCK WEIGHT | 5,6 kg |
| CONSOLE WEIGHT | 2,1 kg |





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XIII Wydział gospodarczy Nr KRS 0000169830, kapitał zakładowy 30 610 790,00 zł
NIP 525-000-08-25, REGON 010743638



UNIQUE PRODUCT CHARACTERISTICS

Lock system which prevents firing smoke grenades in case when tank hatch is open, „OBRA-3” system identifies reflected signal sent from its own laser rangefinder, eliminating possibility of error.

THE SYSTEM INCLUDES:

- 4 - 8 equal detection heads (depending on the vehicle or object size)
- reading-controlling console
- electronics block with direction update system
 - connection cables
- smoke grenade launcher system (not included in PCO S.A. equipment list)

LASER WARNING SYSTEM SSP-1

The SSP-1 system has ability to update the direction from which irradiation occurs, while taking note of the motion of vehicle and its turret, eliminates reflected radiation and enables communication with a fire-directing system or other vehicle systems. It provides optical and acoustic signals alarming about irradiation, indicating the direction, type of irradiation device, time from when irradiation started. The system can operate with smoke grenade launcher (not included in PCO S.A. equipment systems) in order to provide smoke screen in the direction from which irradiation appeared. It allows to fire smoke grenades in the following operation modes: manual, semi-automatic and automatic. Depending on the position of components, the system can be operated by any given crew member. The use of additional readings console allows observation of system indications.

