

T- Light Military Searchlight System



T-Light Searchlight

Military Searchlight System are light sources with adjustable intensity and direction that are used to improve operating capability in military vehicles. Military searchlight systems can be used for lighting, signaling, targeting, or surveillance.

A remote controller box is used to operate the system. Depending on the needs of the personnel, the system can be rotated 180 degrees vertically and 360 degrees horizontally.

The system offers lighting mode selection using WHITE and INFRARED light sources. The user selects these light options using the controller. 940 nm wavelength is used for infrared illumination, which it cannot be seen with human eyes. When these IRLights are combined with the night vision camera, they illuminate a distance of 100 meters in front of the vehicle as if it were dark, yet it appears to be daytime to the screen. This maintains the operation's secret because no light is seen from the outside.

General features

- Dual Lighting Capability
- Remote Command Control Unit
- Home Button for Continuous Calibration
- IP 69K Dust and Liquid Protection Class
- Mounting bracket suitable for every vehicle and interface
- LDR Sensor Plugin

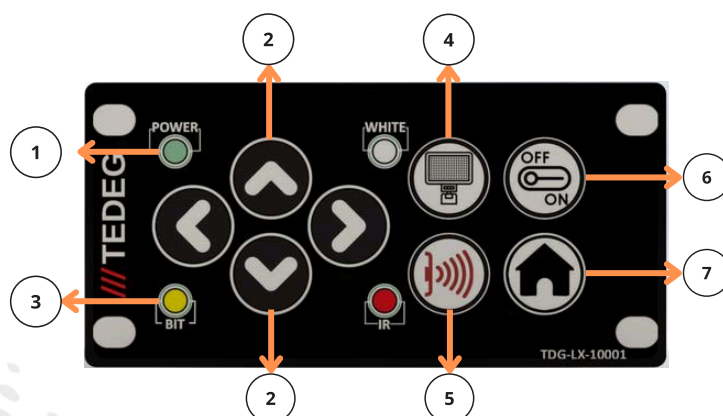
System Specifications

- **Operating Voltage** : 16-33 VDC
- **Lighting Type** : Dual Mode - White / Infrared
- **White Lighting Power and Temperature** : 30 Watt / 6000 Kelvin
- **Infrared Illumination Power and Wavelength** : 30 Watt / 940 nm
- **Amount of White Lighting** : 4500 lumens
- **Horizontal Rotation Ability** : 360° Unlimited
- **Vertical Rotation Ability** : 135° (optional 360°)
- **Protection Class** : IP69K
- **System Weight** : 4,6 KG
- **White LED Beam Angle** : 8°
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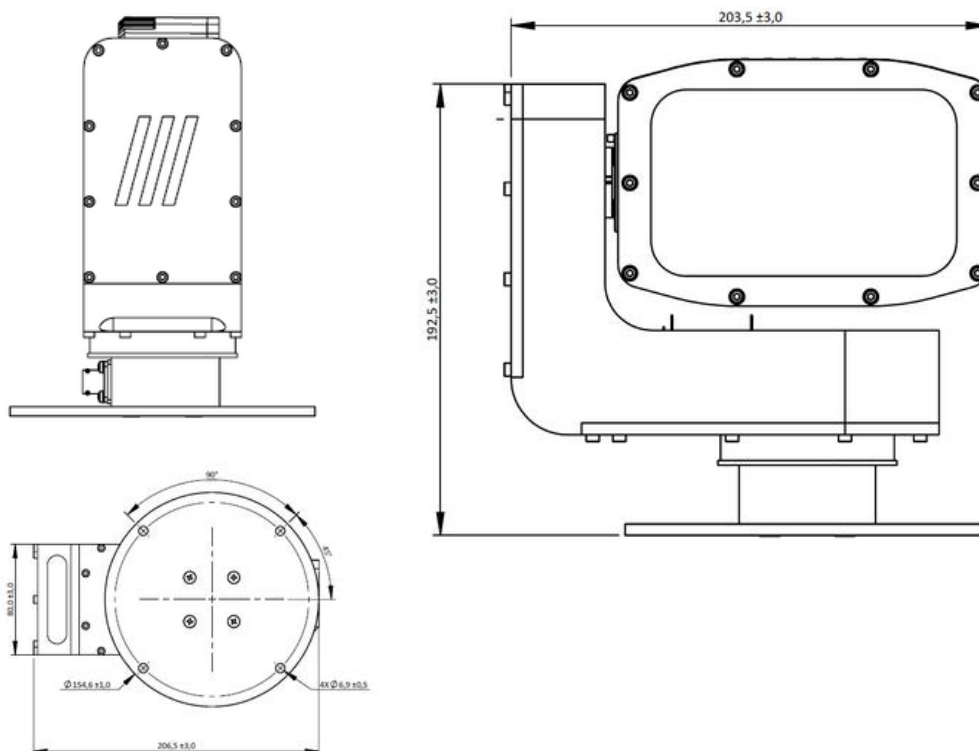
Controller

- 4-way vertical and horizontal
- White Light and Infrared Light control
- IP65 Protection Class
- Visual error and Warning System
- On/Off Button
- BIT Status



1	Power On - Off LED	4	White Light On-Off Button
2	Horizontal and Vertical Movement Buttons	5	Infrared Light On-Off Button
3	Build In Test and Error LED	6	Projector On-Off Button
7	Projector Home Button		

Searchlight Unit Dimensions



Controller Dimensions

