



DLS-JG02 Laser Obstacle Remover

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Technical Parameters	
The main unit of the laser transmitter Main Technical Parameters	<ul style="list-style-type: none">- Laser wavelength:1080±1nm- Maximum output power: 300W/500W- Rated output power: 0 ~ 500W continuously adjustable- Operating voltage: 220V- Operating current: 6.8A- Operating Temperature:-10°C-50°C- Operating Humidity:>90%- Weight:30kg(300W)/35kg(500W)
Laser output and focusing collimator Main technical specifications	<ul style="list-style-type: none">- Maximum launching distance:400 meters- Effective clearing distance: 0-400 meters- Laser spot size (diameter): 1-12mm (adjustable)- Operating temperature:-20°C-50°C- Operating Temperature:>90% of the- Clearance objects: non-metallic materials (kites, plastics, banners, etc.); tree barriers; ice floes, etc.
Intelligent laser targeting device Main Technical Parameters	<ul style="list-style-type: none">- Imaging resolution: 1080P- Core Component: Embedded Intelligent Alignment Judgment Chip- Imaging distance: 0 ~ 400 meters- Image memory: embedded 24 groups of collimation memory function- Can not be light imaging: capture the 1084nm wave 1/4 spot - Zoom adjustment mode: Automatic- Focal length: 57 times
Display and control equipment (Pad) Main Technical Parameters	<ul style="list-style-type: none">- Display resolution: 1080P- Display alignment: cross-scale centering - Display: 11 inches- Interface:wifi- Memory:64G- Recording :Support
Electrically Controlled Head Main Technical Parameters	<p>This device is used to stabilize and support the laser emission output and focusing collimator, intelligent laser aiming device, intelligent laser display device and front-end safety warning device. It provides a good operation platform for the effective control of the whole laser stable emission. It is the "legs and feet" of the whole laser clearing device. It also provides an excellent basic platform for the transportation and movement of the whole device. Its biggest feature is lightweight, stable and efficient. The device is mainly divided into two parts: device support part and device mobile rotation part; device support part is mainly to stabilize and support the laser emission output and focusing collimator, intelligent laser aiming device, intelligent laser display device and front-end safety warning device and other equipment, device mobile rotation part is mainly for the rotation of the above devices to provide the corresponding function of mobile positioning.</p>
	<ul style="list-style-type: none">- Support mode: tripod support- Support weight: 20kg- Rotation mode: Intelligent electric dual-axis DC servo type - Rotation mode: 9-speed gear control- Rotation speed: 3 degrees/sec, 2 degrees/sec, 1 degree/sec, 64 times, 32 times, 8 times, 4 times, 2 times, 1 times.- Interface: RS232/RJ45
Intelligent Laser Control System Main Technical Parameters	<ul style="list-style-type: none">- Software Accuracy: 16-bit- Calculation Accuracy: 20 K/S- Database: 99 user-defined programmable targets - 200 total target information database.- Port hand controller with built-in RS232 interface - Automatic cutting: Supported
Safety management system for laser operation	<p>The system is designed for the safe operation of the laser-clearing device. Since the laser clearing device is a Class 4 energy-efficient laser transmitter, the laser beam emitted is very high in energy. In order to effectively control the overall operation and safety of the laser clearing device, this device is designed to effectively control the operation and safety of the laser clearing device. This device is designed to effectively control the operation and management of the laser equipment. So that the overall laser clearing device must be through the device management authorization so that the trained professional operators to operate it. This ensures safe and reliable operation.</p>

Features

- ◆No harm to the wire.Can operate with electricity, no impact on electricity need to ascend, 400 meters long-distance operation.
- ◆High clearing efficiency, the scene within 1-30 minutes to complete the clearing.
- ◆Full HD eight groups of pre-set position accurate aiming.

