

Introduction of wireless photoelectric automatic target reporting system

The company used many years of technology precipitation, combined with the latest technical specifications, studied the current market target scoring system, avoided shortcomings, carried forward the advantages, and developed a set of relatively advanced military shooting training target reporting system qltr5050.

Qltr5050 automatic target reporting system for military shooting training adopts photoelectric bullet detection and wireless transmission. It is a relatively advanced shooting training system at present. It has the characteristics of high speed, high precision and stability. There is a terminal to automatically report the number of shooting rings at the shooter's place.

Qltr5050 is an automatic target reporting system specially tailored for military shooting training. It can be used in shooting range of outdoor moving target, fixed target and up and down target shooting training. The system has the functions of anti sunlight interference, shockproof, etc., and the protection level is IP66.

The system realizes the networking between the central station and several targets. The shooter's shooting position, firing ring number and cumulative firing number are displayed on the shooter's display in graphic and digital mode, and can be displayed in the monitoring center.


The system adopts a unique detection method, the detection accuracy is 4mm, the maximum detection accuracy is 1000m / s for a 10mm long bullet, 2000m / s for a 20mm long bullet, 3000m / s for a 30mm long bullet, and so on. Low speed objects such as flying

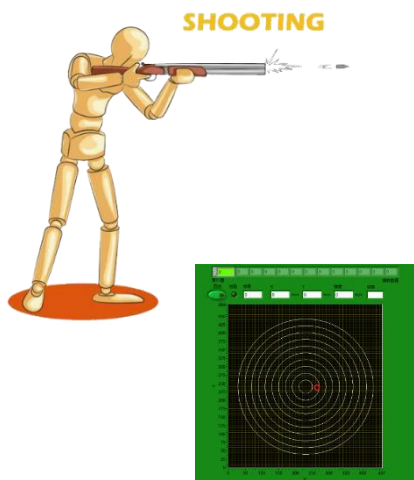
insects and leaves can be ignored to ensure the accuracy of target reporting.

The system uses RS-485 communication protocol to communicate with the upper computer, and the upper computer communicates with the target reporting terminal through wireless transmission to realize remote target reporting. The outstanding features are as follows:

1. The laser irradiation method is stable and durable. It can adapt to the environment of the shooting range better than ordinary shock wave target, capacitance target and resistance target.
2. The design life of the system is 10000 hours, during which only the cheap target plate needs to be replaced, which can save the cost for the user.
3. The system has strong environmental adaptability and can work stably in direct sunlight environment. The circuit board of this machine has been treated with three proofs, IP66 is waterproof, dustproof and anti vibration.
4. The power consumption of this machine is about 4W.
5. 1000 m / s, fast detection speed and stable response
6. Ignoring low-speed targets, such as insects, leaves, birds, etc., the speed value of the object can be set, and the value detects the object within the set range.
7. The system can measure the velocity of the object passing through the window in the range of 1-1000 M / S (the object is 10 mm long).

Technical parameter

Product pictures	
Product type	Window style
Effective detection area	500*500mm
Enclosure protection class	IP66
Supply voltage	DC24V±10%
Response time	≤10μs (10 mm long bullet with maximum speed of 1000m / S)
Output	RS-485
Resolution	4mm
Shell material	aluminium alloy
Power consumption	≤4.5W
working temperature	-25℃--85℃
Ambient temperature	20℃, RH≤85%



Dimensions:

