



# HANGING ROTARY TARGET

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— — RIZHAO FZH INTERNATIONAL TRADE CO., LTD.  
MANUFACTURER OF SHOOTING TARGET SYSTEM

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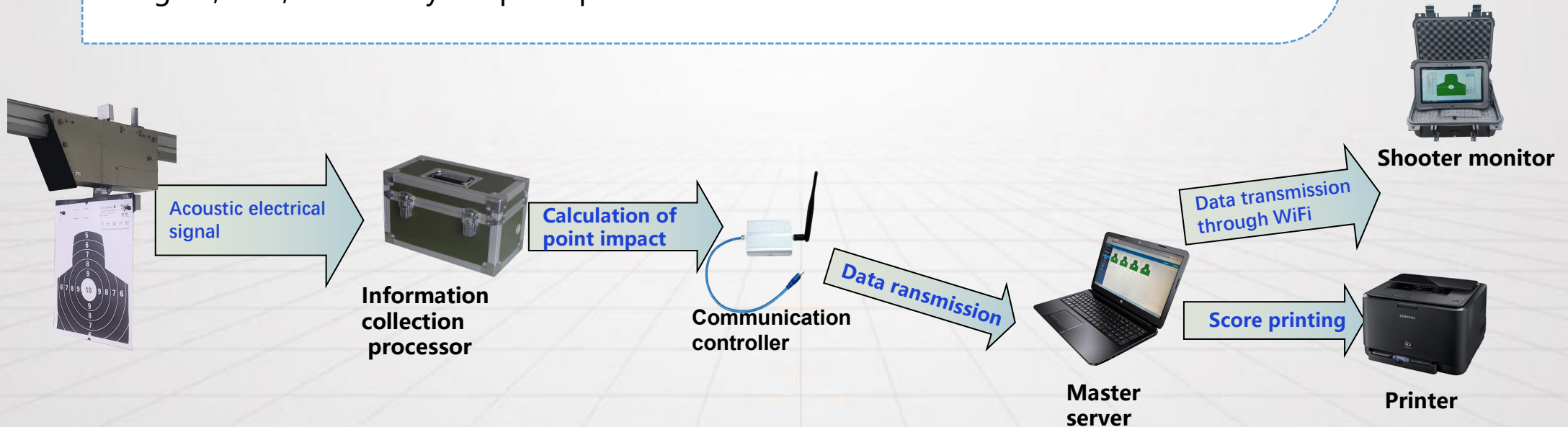
# 1. Working principle



The hanging rotary target reporting system is mainly used for indoor shooting training in shooting ranges. In training, it can simulate the external characteristics and covert actions of hypothetical enemy targets. Support high-precision target reporting, unaffected by weapon caliber and projectile speed;

Meet training requirements for precision shooting, application shooting, and more.

The hanging rotary target can meet the shooting needs of various weapons such as toy guns, air guns, rifles, and military and police pistols.





## 2. System purpose



The hanging rotary target is mainly used for live fire training in indoor shooting ranges, which can simulate the external characteristics and hidden actions of hypothetical enemy targets during training. Meet training requirements for high-precision shooting and applied shooting.

The hanging rotary target can meet the shooting requirements of toy guns, air guns, pistols, rifles and other light weapons for single and group targets, and record and evaluate shooting results.

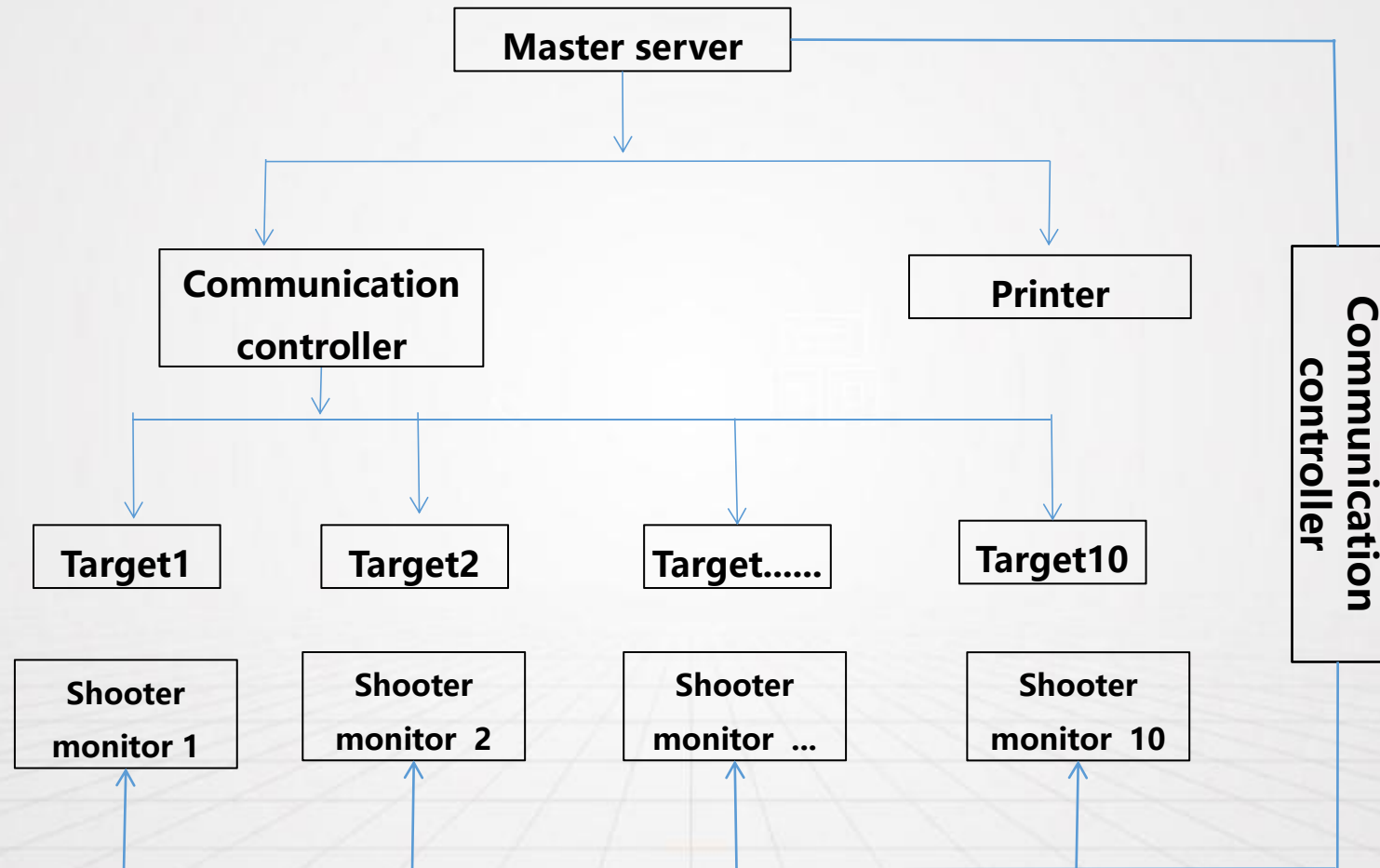


Hanging rotary target





# 3.System composition





## 4. System function



### Not limited by shooting angle

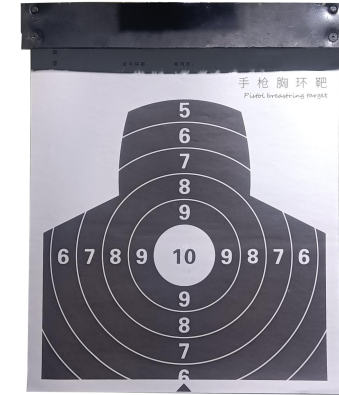
The hanging rotary target is mainly used for indoor shooting training in shooting ranges. In training, it can simulate the external characteristics of hypothetical enemy targets and sudden and covert actions, supporting high-precision target reporting for oblique projectiles and moving targets;

Meet training requirements for precision shooting, application shooting, and more.



### Not limited by gun type

The hanging rotary target reporting system can meet the shooting needs of various weapons such as toy guns, air guns, rifles, military and police pistols, etc.



### Not limited by target

No special targets are required, just use a regular EVA target box and regular target paper;

The target surface is just a targeted target, just stick a target paper after breaking it.



# System function



## System software control function

### 01 Communication status monitoring

To test whether the target communication is normal, it can be divided into various types of target computers for separate communication. The communication system will automatically detect all powered on target computers for testing. If the communication is abnormal, it indicates that the target computer has communication faults or is not powered on, and the communication status of the target computer can be detected.

### 02 Scheme grouping function

The system conducts grouping training according to the system structure of training scheme - grouping mode - single target.

The system can execute control according to grouping units and meet all training scheme requirements of the army.

### 03 Parameter setting function

Under grouping conditions, target types can be selected for target aircraft, including chest targets, head targets, body targets, chest ring targets, etc. Target numbers can be selected for grouping in batch or in disorder. Parameter settings can be made for the display time and the number of hidden target time cycles, and whether to hit the hidden target can be set.



# System function



## Shooter monitor

### **1.Score display function**

The shooter monitor can display the hit data of the corresponding target machine in real time (target type, impact point, shot sequence, number of single shot rounds, total number of rounds, and projectile distribution), and report the target through images, text, and voice, facilitating the shooter to make real-time corrections to the shooting.

### **2.Performance statistics function**

The shooter scoring opportunity automatically counts all the shooter's target achievement, and performs statistical display and storage.

### **3. Information management function**

The centralized control equipment can input, edit, and delete the information of participants, training courses, and training plans, as well as query and print shooting scores.





## 5.Main technical indicators



No.	Item	Target
1	Applicable target type	Universal chest ring target, head target, chest target, body target
2	Applicable gun type	Multiple types of weapons such as rifles,air guns,pistols,light machine gun,sniper rifles,etc
3	Applicable projectile speed	100m/s ~ 1500m/s
4	Applicable temperature	-30°C~ +65°C
5	Power supply battery pack	24v12aH
6	Rotary time	< 2s
7	Target reporting accuracy	≥99.5%
8	Target reporting accuracy error	≤3mm
9	Continuous capture	1-50 rounds
10	Number of targets controlled simultaneously	≤10 sets
11	Target reporting response time	≤0.5s
12	Wireless control distance	1-500m (Intervisibility)



## 6. Complete configuration



No.	Part name	Part name	Unit	Remarks
1	Master server	1	pc	Including software
2	Communication control system	1	set	
3	Shooter monitor	6	pc	
4	Hanging rotary target	6	pc	
5	Bulletproof steel plate	6	pc	
6	Moving track	24	meter	Standard configuration
7	Power supply battery pack	6	set	24v12ah
8	HF antenna	6	pc	2.4GHZ
9	Target baord	6	pc	EVA material
10	Spare parts kit	1	set	
11	Instruction manual	1	pc	
12	Certificate card	1	pc	
13	Packing box	6	pc	Wooden box



# 7.Product pictures

Picture of  
complete  
system



Product  
picture



Operating  
System

Shooter  
Monitor  
&  
Master  
server



Communication  
system

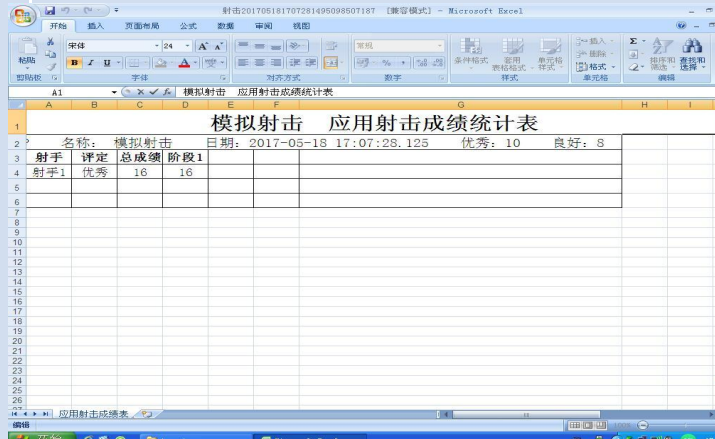
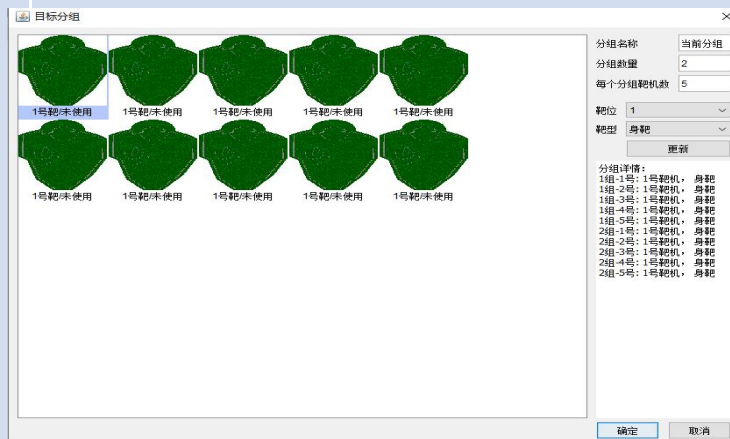
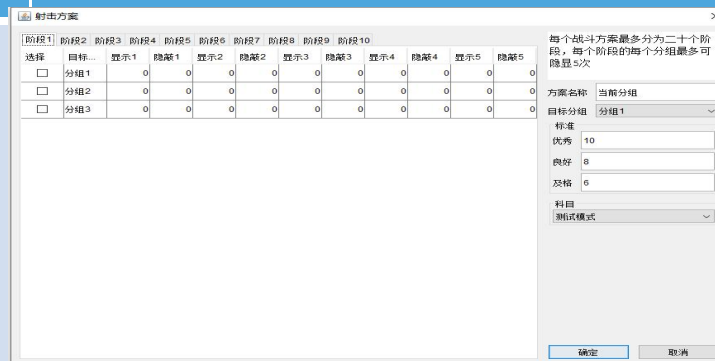
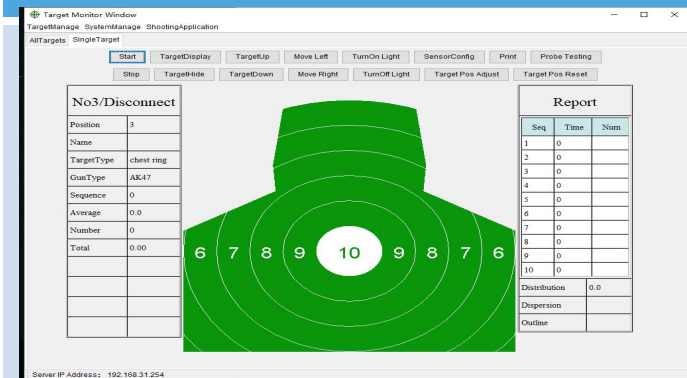




# Product picture



## software interface





# 8.Application Cases

