LOMAH SYSTEM
FNY

H-BAR INFANTRY MOVING TARGET

www.lomah-target.com

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

Catalogue

The H-bar infantry moving target is mainly used in outdoor, shooting with various weapons such as pistols, automatic rifles, and sniper rifles.

During training, it is possible to simulate the external characteristics of hypothetical enemy targets and their sudden appearance and covert actions.And it supports high-precision target reporting and is not affected by weapon caliber and projectile speed, and can meet training subjects such as precision shooting and applied shooting.
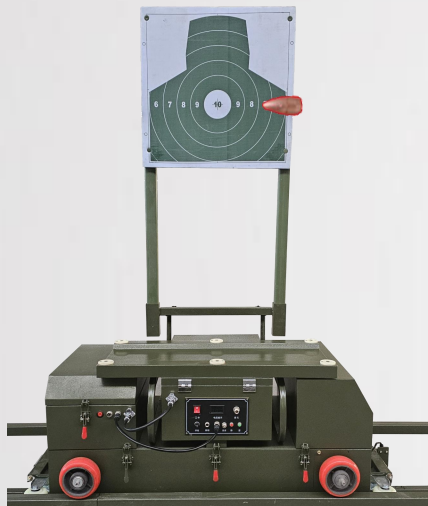
Shock wave target reporting

Shock wave signal

Calculation of impact point

Data transmission

Data transmission through WiFi

Scores printing

Informationcollection processor

Communication controller

Master server

Shooter monitor

Printer
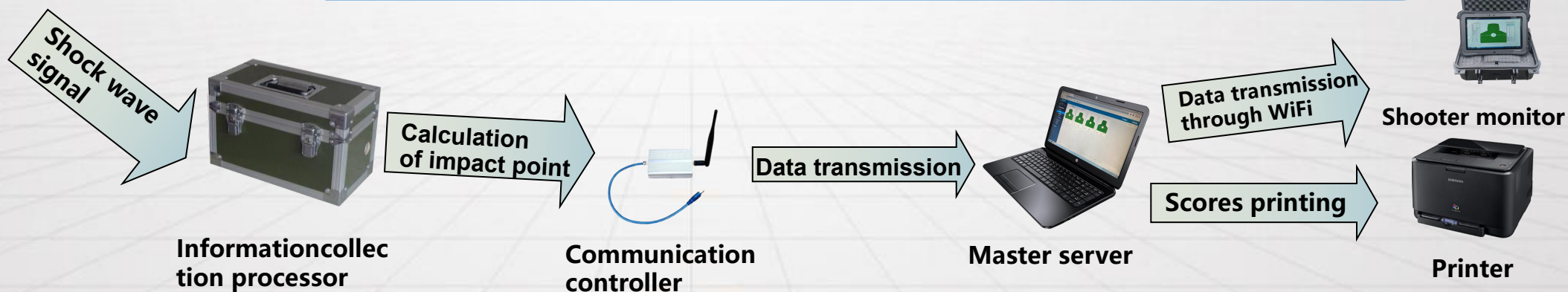
The H-bar infantry moving target can simulate the straight line movement characteristics, target shape characteristics, and pop-up movements of imaginary enemies in training, mainly used for training high-precision target shooting, applied shooting, and other subjects.
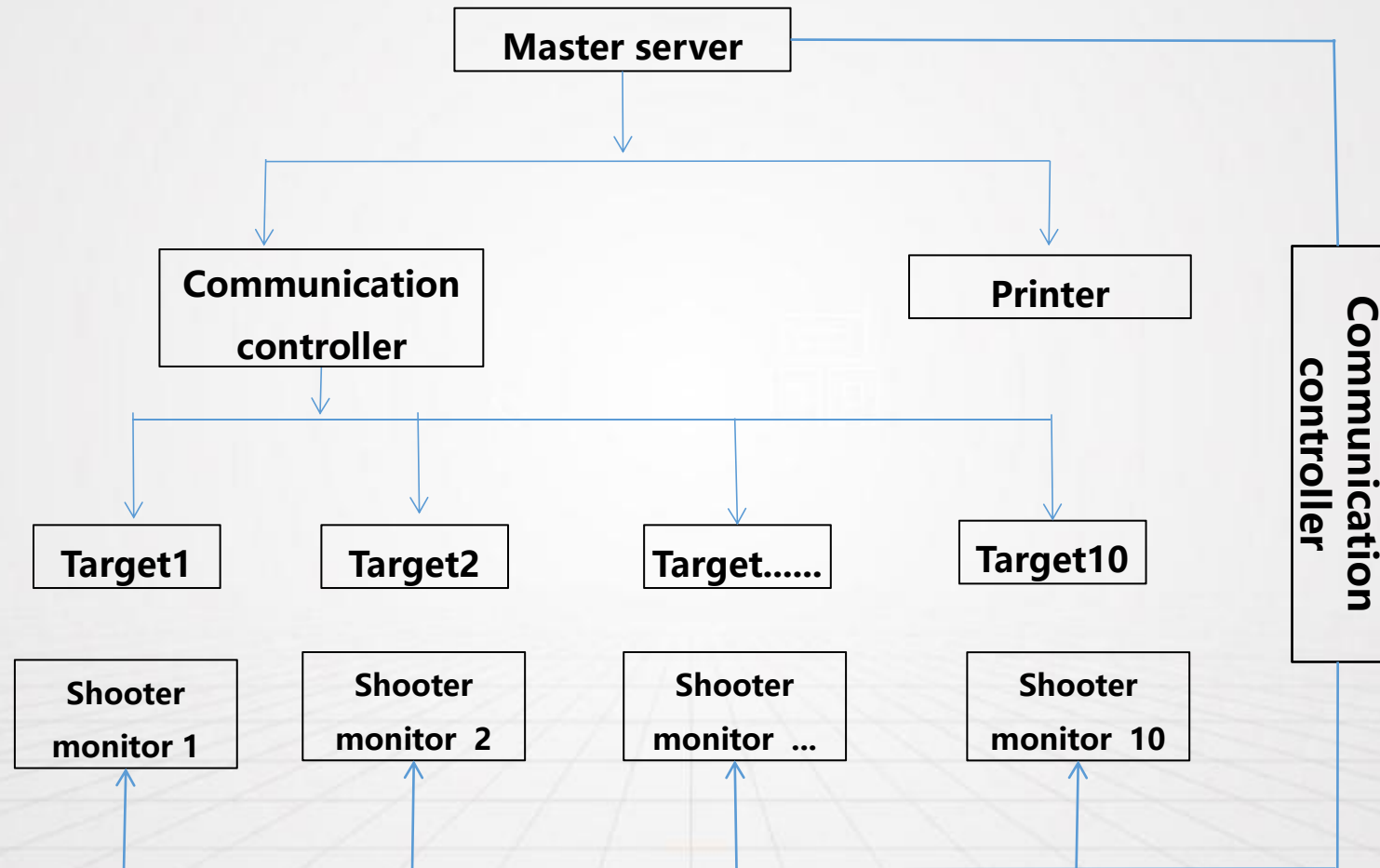
It can meet the requirements of recording and evaluating shooting results for single and group targets with light weapons.

H-bar infantry moving target

3.System composition

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                        ┌──────────────┐
                        │ Master server │───────────────────┐
                        └──────┬───────┘                     │
                               │                             │
              ┌────────────────┴────────┐              ┌─────┴──────────┐
              ▼                          ▼              │ Communication  │
    ┌──────────────────┐         ┌──────────────┐      │   controller   │
    │  Communication   │         │   Printer    │      │                │
    │   controller     │         └──────────────┘      │                │
    └────────┬─────────┘                               │                │
             │                                         └────────────────┘
    ┌────────┼──────────┬──────────────┬──────────┐
    ▼        ▼          ▼              ▼
┌────────┐ ┌────────┐ ┌──────────┐ ┌──────────┐
│Target1 │ │Target2 │ │Target....│ │ Target10 │
└────────┘ └────────┘ └──────────┘ └──────────┘

┌──────────┐ ┌──────────┐ ┌──────────┐ ┌──────────┐
│ Shooter  │ │ Shooter  │ │ Shooter  │ │ Shooter  │
│ monitor 1│ │monitor 2 │ │monitor...│ │monitor 10│
└──────────┘ └──────────┘ └──────────┘ └──────────┘
```

Master server

Communication controller

Printer

Communication controller

Target1 **Target2** **Target......** **Target10**

Shooter monitor 1 **Shooter monitor 2** **Shooter monitor ...** **Shooter monitor 10**

System Composition

H-bar infantry moving target

H-bar infantry moving target supports high-precision target reporting, unaffected by weapon caliber and projectile speed, and

meet training requirements for precision shooting, application shooting,etc.

This target can meet shooting with various weapons such as pistols, automatic rifles, and sniper rifles.

Master server

The main control server adopts a highly configured laptop computer,equipped with target administration software to control, view, count, and query the shooting results of units or individuals.

No limited by the target

No special target boardis required,just use ordinary EVA target and ordinary target paper ;

The target surface is just atargeted target,which can bebroken and pasted with a target paper.
.

4 . System function

Training Information Management

It can enter, edit, and delete the information of participants, training courses, and training plans, as well as query and print shooting scores.

No Limited by Weapons

No affacted by weapons calibor and projectile speed.Meeting training requirements for precision shooting, application shooting.It can support shooting with various weapons such as pistols, automatic rifles, and sniper rifles.

Target Function

Adjustable Movement Speed

The moving speed of the target machine is adjustable, ranging from 1 to 5 m/s, with a speed deviation range of ± 0.5 m/s. The target is equipped with a combined track, composed of anti-collision track, braking track, and running track.

Shooting Scores Display

The centralized control server of the target system can display evaluation and shooting personnel information based on target type, impact point, bullet sequence, number of single shot rings, total number of rings, projectile distribution, in both graphic and text.

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 traiThe system conducts grouping training according to the system structure of training scheme - grouping mode - single target. The system can execute control according to the grouping unit, and can meet all training scheme requirements of the army.ning scheme - grouping mode - single target. The system can execute control according to the grouping unit, and can 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

System software control function

Diversified reverse target control function

04

The target system is designed based on a logical framework, and has the functions of tactical hit and drop target, drop target by display time, control movement by control mode (automatic or manual), and start and drop target. In a grouped state, the entire group can control the drop target function.

Shooting training information management function

05

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.

Training plan import and editing function

06

The control system can be used before shooting to import information such as the units and groups of shooting trainers into the system, and can be adjusted and edited using the plan editing interface based on the actual support situation of the range equipment.

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 guns,sniper rifles,etc
3	Applicable bullet diameter	5mm-130mm
4	Applicable projectile speed	100m/s~1500m/s
5	Applicable temperature	-30℃~+65℃
6	Extension function	The infantry moving target vehicle can control multiple infantry pop-up targets carried by it to lift and drop the target, conceal and display the target at the same time through the "drag and drop" method
7	Movement speed	1~5m/s, with a speed deviation range of ± 0.5m/s.
8	Target reporting accuracy	≥99.5%
9	Target reporting accuracy error	≤3mm
10	Continuous capture	1-50 shooting
11	Number of target combinations	Through the "drag and drop" method, the product can carry multiple infantry pop-up targets
12	Wind resistance rating	Level 6
13	Rain proof grade	100mm/h, 30min
14	Target reporting response time	≤0.5s
15	Wireless control distance	1-500m (Intervisibility)

6.Complete configuration

No.	Part name	Quantity	Unit	Remarks
1	Master server	1	set	Including software
2	Communication control system	1	set	
3	Infantry moving target vehicle	1	pc	
4	Infantry moving target	3	pc	
5	Power supply battery pack	4	set	
6	HF antenna	3	pc	2.4GHZ
7	Composable track	50	meter	Galvanized steel pipe(2 meters per group)
8	Target board	3	pc	EVA material
9	Target Charger	3	pc	
10	Spare parts kit	1	pc	
11	Instruction manual	1	pc	
12	Certificate card	1	pc	
13	Packing box	10	pc	Wooden box

H-bar infantry moving target

Controlling software

Product Picture

Master server

Communication system

Product Picture
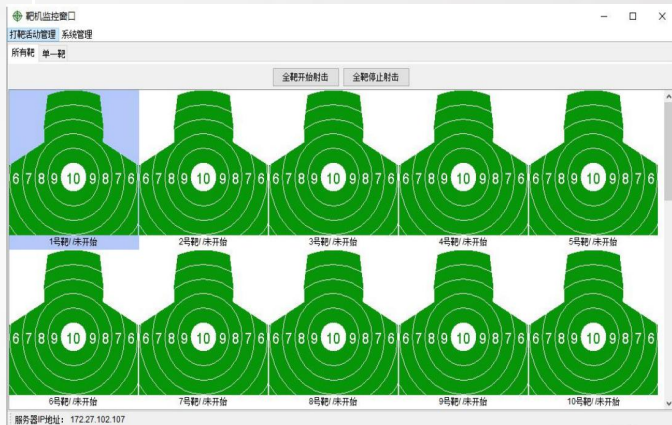
Shooting Training Management System

Shooting management window

Total groups: 0
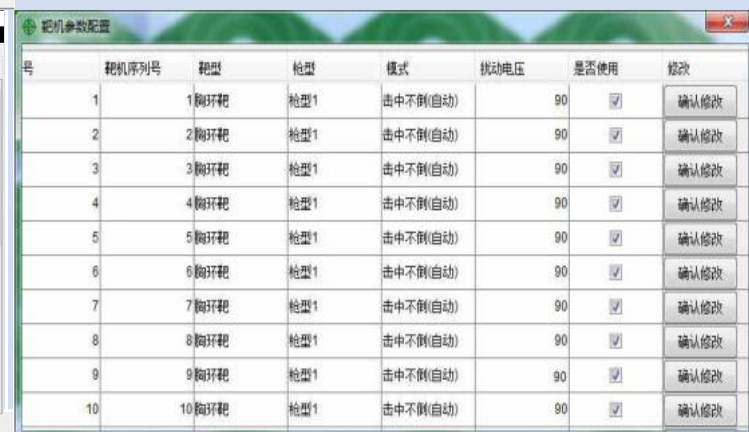
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