



# H-bar ground rail moving rotary target

[www.lomah-target.com](http://www.lomah-target.com)

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

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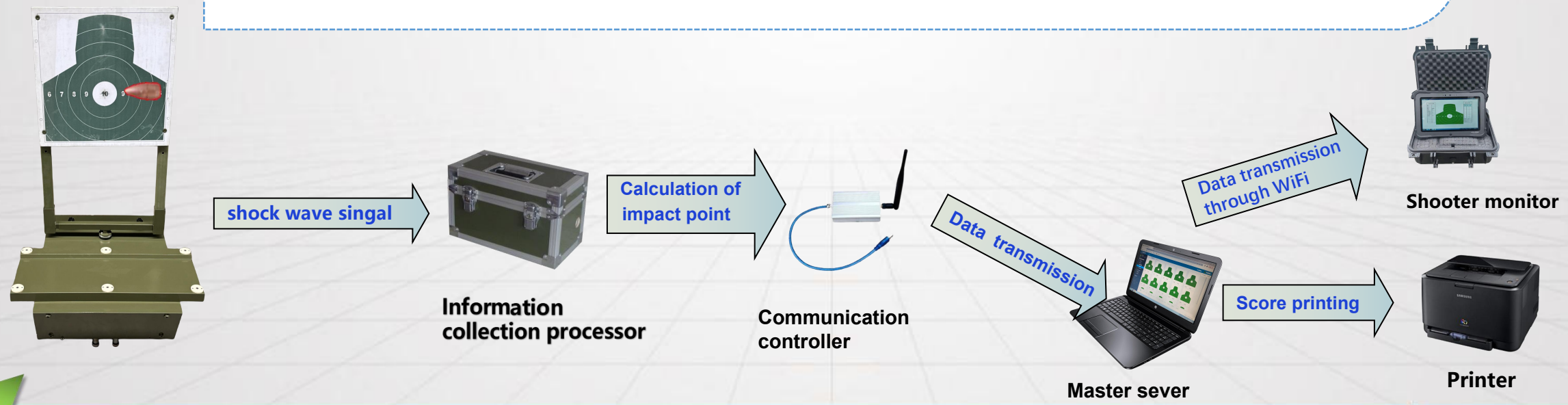
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# 1 . Working principle



The H-bar ground rail moving rotary target is mainly used for indoor shooting training in shooting ranges, supporting shooting with various types of light weapons such as toy guns, air guns, rifles, and military and police pistols.

During training, it is possible to simulate the external characteristics of hypothetical enemy targets and their sudden appearance and covert actions. Support high-precision target reporting, unaffected by weapon caliber and projectile speed; It can meet training needs such as precision shooting and applied shooting.





## 2. System purpose



The H-bar ground rail moving rotary target simulates the external characteristics and covert actions of hypothetical enemy targets during training, mainly used for training subjects such as high-precision target shooting and applied shooting.

The H-bar ground rail moving rotary target can meet the requirements of light weapons for single and group targets, recording and evaluating shooting results.

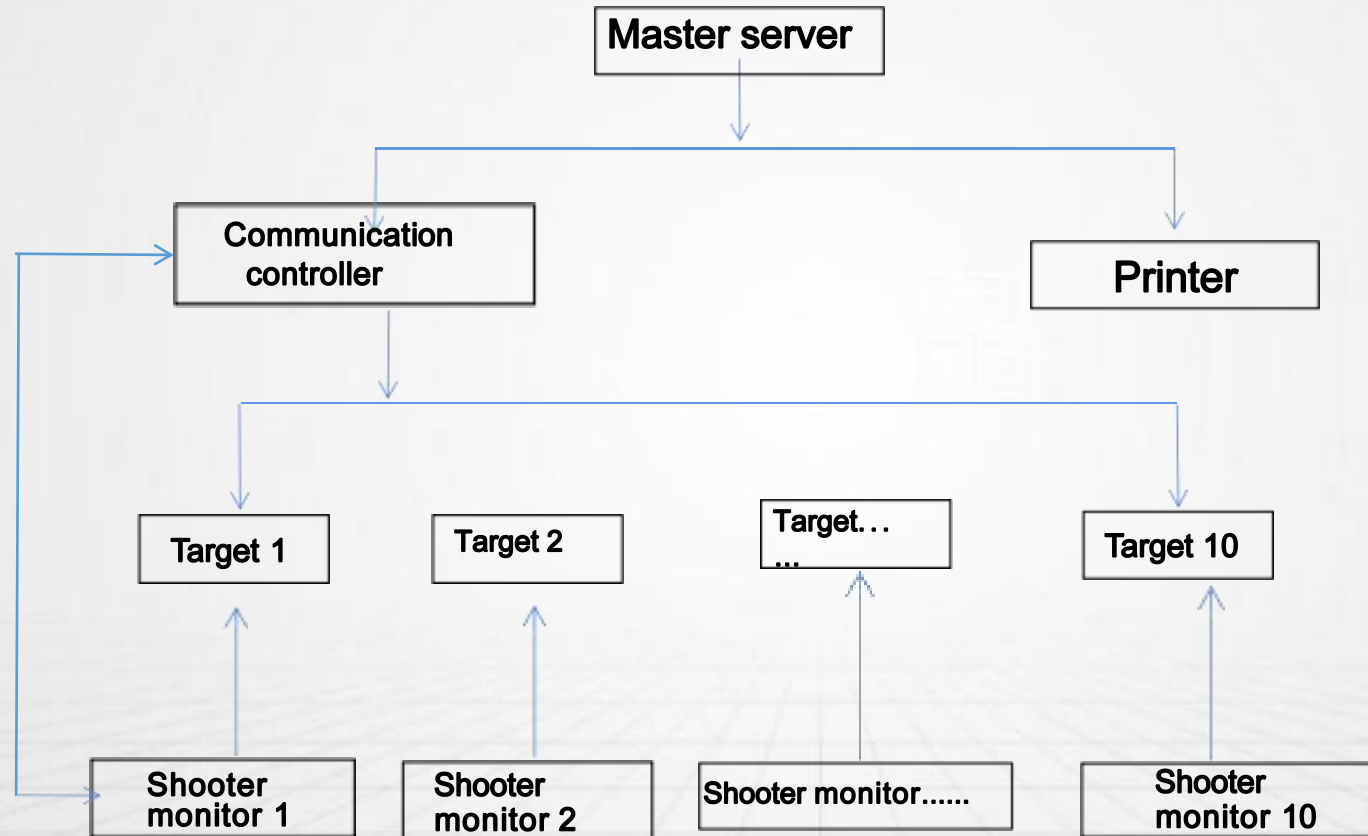


H-bar ground rail moving rotary target





# 3. System composition





# 4. Product advantages



## Not limited by shooting angle

The H-bar ground rail moving 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 H-bar ground rail moving rotary target can meet various weapons such as toy guns, air guns, rifles, military and police pistols, subsonic and supersonic weapons. Not affected by weapon caliber and projectile speed.



## Not limited by target board

No need for a dedicated target board, use ordinary EVA targets and ordinary target paper; The target surface is just a targeted target, just stick a target paper after breaking it.





# 5. System function



Precision automatic target reporting

1

The H-bar ground rail moving rotary target has a high-precision automatic target reporting function, which can report targets in real-time through voice and image.

Power on self-diagnosis

2

The H-bar ground rail moving rotary target has automatic self check and manual control self check functions when powered on, and can check the operation status of the target equipment through the self check function of the target .

Shooting score display

3

The main control server and shooter monitor of the H-bar ground rail moving rotary target can display images and report targets through voice based on target type, impact point, bullet sequence, number of single shot rings, total number of rings, bullet distribution evaluation, and shooter information.





# 5. System function



## 04 Group training function

The main control server and shooter position display of the H-bar ground rail moving rotary target can group the list of trainees as needed, and can import the list of trainees for grouping, meeting the training needs in different scenarios.

## 05 Parameter setting function

Under grouping conditions, the target can be selected for target type selection, and the target numbers can be selected in bulk or unordered for grouping.

Parameters such as target display time, reverse target time, and number of cycles can be set, and whether to hit the reverse target can be set.

## 06 Training Information Management

The centralized control equipment can input, edit, and delete information about trainees, training courses, training plans, etc. It can also query and print shooting scores.







# 6 . Main technical indicators



No.	Item	Target
1	Applicable target type	Common precision chest ring target, head target, chest target, body target
2	Applicable gun type	Multiple types of weapons such as rifles, air guns, pistols, light guns, sniper rifles, etc
3	Applicable bullet diameter	5mm-130mm
4	Applicable velocity	100m/s~1500m/s
5	Applicable temperature	-30°C~+65°C
6	movement speed	0-3 meters/second (Adjustable movement speed)
7	Target reporting accuracy	≥99.5%
8	Target reporting accuracy tolerance	≤3mm
9	Continuous capture	1-50 shooting
10	Wind resistance rating	L6
11	Rain proof performance	100mm/h, 30min
12	Target reporting response time	≤0.5s
13	Wireless control distance	1-500m (intervisibility)



# 7 . Complete configuration



No.	Part name	Quantity	Unit	Remarks
1	Master sever	1	PC	Incl. software
2	Communication controller	1	SET	
3	H-bar ground rail moving rotary target	10	PC	
4	Shooter monitor	10	PC	Incl. software
5	Power supply battery pack		SET	24v12AH
6	Battery pack	10	PC	
7	Target board	10	PC	
8	HF antenna	10	PC	
9	Instruction manual	1	PC	
10	Spare parts kits	1	PC	
11	Packing box	10	PC	wooden box





# 8. Product picture



**Picture of complete target**



**Shooter monitor & Master server**



Product Picture

**System software control**



**Communication system**





# 8.Product picture



## Software interface

靶机监控窗口

打靶活动管理 系统管理

所有靶 单一靶

全靶开始射击 全靶停止射击

1号/靶机进行中

靶位	1
姓名	
靶型	胸环靶
枪型	AK47
当前得分	0
平均得分	0.0
命中次数	0
总得分	0.00

序	打	靶
1	0	
2	0	
3	0	
4	0	
5	0	
6	0	
7	0	
8	0	
9	0	
10	0	

靶机IP地址: 192.168.0.9

靶机监控窗口

打靶活动管理 系统管理

所有靶 单一靶

全靶开始射击 全靶停止射击

1号靶/未开始 2号靶/未开始 3号靶/未开始 4号靶/未开始 5号靶/未开始

6号靶/未开始 7号靶/未开始 8号靶/未开始 9号靶/未开始 10号靶/未开始

服务器IP地址: 172.27.102.107

打靶管理窗口

打靶活动 实弹射击 单位: 某部队

分组管理 当前分组 打靶成绩

导入分组 清除分组

分组总数: 0

射击方案

每个战斗方案最多分为二十个阶段, 每个阶段的每个分组最多可设置3次

阶段	1	2	3	4	5	6	7	8	9	10
选择	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
目标...	显示1	隐藏1	显示2	隐藏2	显示3	隐藏3	显示4	隐藏4	显示5	隐藏5
分组1	0	0	0	0	0	0	0	0	0	0
分组2	0	0	0	0	0	0	0	0	0	0
分组3	0	0	0	0	0	0	0	0	0	0

方案名称: 当前分组

目标分组: 分组1

标准: 优秀 10, 良好 8, 及格 6

科目: 新式模式

确定 取消

打靶管理窗口

打靶活动管理 系统管理

所有靶 单一靶

全靶开始射击 全靶停止射击

分组总数: 5

分组号: 1, 组员总数: 4

人员姓名	人员证号	靶位	靶型	射击类型	击发弹数	击发次数	枪型
李昆	1.0	1	胸环靶	隐蔽	5	5	81式步枪
张虎	2.0	2	胸环靶	起倒	5	5	81式步枪
吴星	3.0	3	胸环靶	移动	5	5	81式步枪
王行	4.0	4	胸环靶	移动/隐蔽	5	5	81式步枪

分组号: 2, 组员总数: 4

人员姓名	人员证号	靶位	靶型	射击类型	击发弹数	击发次数	枪型
张浩	5.0	1	胸环靶	移动/起倒	5	5	81式步枪
金子	6.0	2	胸环靶	隐蔽	5	5	81式步枪
郑东	7.0	3	胸环靶	起倒	5	5	81式步枪
邢斌	8.0	4	胸环靶	移动	5	5	81式步枪

分组号: 3, 组员总数: 4

人员姓名	人员证号	靶位	靶型	射击类型	击发弹数	击发次数	枪型
赵其	9.0	1	胸环靶	移动/隐蔽	5	5	81式步枪
朱红松	10.0	2	胸环靶	移动/起倒	5	5	81式步枪
周振	11.0	3	胸环靶	隐蔽	5	5	81式步枪
张凤	12.0	4	胸环靶	起倒	5	5	81式步枪

靶机参数配置

号	靶机序列号	靶型	枪型	模式	抗动电压	是否使用	修改
1	1	胸环靶	枪型1	击中不倒(自动)	90	<input checked="" type="checkbox"/>	确认修改
2	2	胸环靶	枪型1	击中不倒(自动)	90	<input checked="" type="checkbox"/>	确认修改
3	3	胸环靶	枪型1	击中不倒(自动)	90	<input checked="" type="checkbox"/>	确认修改
4	4	胸环靶	枪型1	击中不倒(自动)	90	<input checked="" type="checkbox"/>	确认修改
5	5	胸环靶	枪型1	击中不倒(自动)	90	<input checked="" type="checkbox"/>	确认修改
6	6	胸环靶	枪型1	击中不倒(自动)	90	<input checked="" type="checkbox"/>	确认修改
7	7	胸环靶	枪型1	击中不倒(自动)	90	<input checked="" type="checkbox"/>	确认修改
8	8	胸环靶	枪型1	击中不倒(自动)	90	<input checked="" type="checkbox"/>	确认修改
9	9	胸环靶	枪型1	击中不倒(自动)	90	<input checked="" type="checkbox"/>	确认修改
10	10	胸环靶	枪型1	击中不倒(自动)	90	<input checked="" type="checkbox"/>	确认修改

# 9. Application cases

