

Handheld Transmitter Parameters



7寸火箭机（不含） 手持发射器（含）

Classify	Project	Parameter
Basic information	Product name	Small Rocket Transitorial Launch Device
	Product orientation	Single-crew portable drone rapid launch platform
	Compatible Devices	5-inch and 7-inch small rocket penetrators
	Launch mode	Handheld mechanical rapid-release launcher
	Operator schema	Single-user operation
	Product mix	Launch bracket + main chamber + display system + optical targeting system + grip + stock
	Total weight of the device	Approximately 1.8 kg (excluding the drone)
	Total length of the device	500–600 mm (when the stock is extended forward or backward)
	Overall width	140mm
	Shell Material	PLA + Carbon Fiber (Customizable in batches)
Transmission Module	Transmission Mount Position	Front of the device body
	Compatible with various drone sizes	Feixiong Technology's 5-inch and 7-inch rocket launch vehicles
	Fixed form	Tail fin with snap-fit mechanical locking mechanism
	Adjustment of Transmission Direction	Overall aiming adjustment for the gun body
	Deployment Time	≤5 seconds
	Unlock Method	Rapid Mechanical Release
	Emission control	Manual Release/Electronic Control (Optional, Customizable)
Main Engine Room	Device Storage Function	Image transmission receiver, battery, remote control module (optional, customizable)
Ergonomic grip	Hand grip diameter	140mm semi-circular arc structure
	Grasp Method	Hold with one hand
	Surface preparation	Anti-slip ergonomic texture
	Operator schema	Integrated launch, targeting, and control systems

Gun Stock System	Adjustment Method	Scalable Lock
	Base Length	140mm
	Extensibility	100mm
	Extreme length	240mm
	Thickness	40mm
Optical Aiming System	Type	Feixiong Technology 800-meter high-definition zoom speed-adjustable telescope
	Zoom Ratio	3 to 12 times
	Focal plane	First focal plane (FFP)
	Angle of field	5.83°-2.42°
	Outward gaze distance	66-68.6mm
	Objective lens diameter	32mm
	Tube diameter	30mm
	Fine-tuning Precision	1/2 MOA
	Adjustment Knob	Locked Type
	Maximum elevation angle adjustment	± 35 MOA
	Maximum Wind Bias Adjustment	± 35 MOA
	Earthquake Resistance Rating	1500G
	Classification of waterproof	Waterproof Structure Design
	Aim length	203mm
	Mirrors Weight	370g
Folding Display System	Display Size	7 inch
	Screen Type	TFT LCD Liquid Crystal Display
	Backlight Type	LED be in a poor light
	Resolution ratio	800×480
	Luminance	600cd/m ²
	Horizontal view angle	140°
	Vertical angle of view	120°
	Display Size	180×120×50mm
	Folding Function	Support
Image Transmission Reception System	Working Frequency Band	5.8GHz
	Reception Mode	Dual diversity reception
	Reception Module	Dual Reception Module
	Channel Count	40CH
	AV output	2 Road

	AV import	1 Road
	Auto-Frequency Selection	Support
	RSSI show	Support
	Work Status Display	Support
	Signal Strength Display	Support
	Dual Buffer Output	Support
	Menu language	Chinese/English
	Picture format	JPEG
	Video Format	AVI
	Antenna Interface	RP-SMA
	Interference with the 2.4 GHz remote control	Not have
Power supply system	Battery Type	Li-Polymer
	Battery capacity	2000mAh
	Cell voltage	7.4V
	Working voltage	DC 7-16V
	Maximum power dissipation	≤650mA@12V
	Charging current	850mA@12V (Max)
Work environment	Working temperature	-10°C~+65°C
	Storage Temperature	-20°C~+75°C
	Service environment	All-weather outdoor deployment
Remote Control Extension Module (Optional)	Integrated Remote Control Function	Support
	Emission control	Support
	AI Lock Command Sent	Support
	Image Display Link	Support
Task Application	Main application	Feixiong Technology's High-Speed Interception Drone Rapid Launch Platform
	Deployment Method	Single soldier carrying equipment
	Response Characteristics	Quick aiming, quick firing
	Tactical Role	Reduce the attitude adjustment time after a drone takes off.
	Operation Mode	Visual aiming launch, image transmission-assisted launch, remote-controlled coordinated launch
	Typical Scenario	Base defense, protection of key targets, interception of low-altitude drones, mobile patrol defense