



# ***HUNTER V***

***— FPV Jammer —***







The vehicle-mounted FPV jammer emits omnidirectional, powerful interference signals that cover all potential FPV drone control frequency bands, effectively severing the communication link between the drone and the remote controller. This causes the drone to rapidly lose control and crash when it moves away from the vehicle, providing comprehensive security protection for the vehicle in motion. The device features flexible strike configurations and reserved hardware expansion capabilities to address the rapidly evolving FPV threats. With its compact design and exceptional heat dissipation performance, the vehicle-mounted FPV jammer surpasses similar products on the market in terms of vehicle compatibility and sustained operational capacity.





## Efficient mitigation, exceptional protection

The protective shield has a 300m radius and can operate continuously for over 4 hours, effectively preventing suicide drones from attacking vehicles.



## Seamless coverage

Hemispherical protection range with omnidirectional countermeasure capabilities.



## Diversified scenario deployment

Compact design allows for compatibility with various mobile platforms while also enabling fixed deployment.



## Flexible software configuration and highly expandable hardware.

Users can customize the device's output frequency bands, and the device is equipped with expansion interfaces to accommodate additional frequency bands.

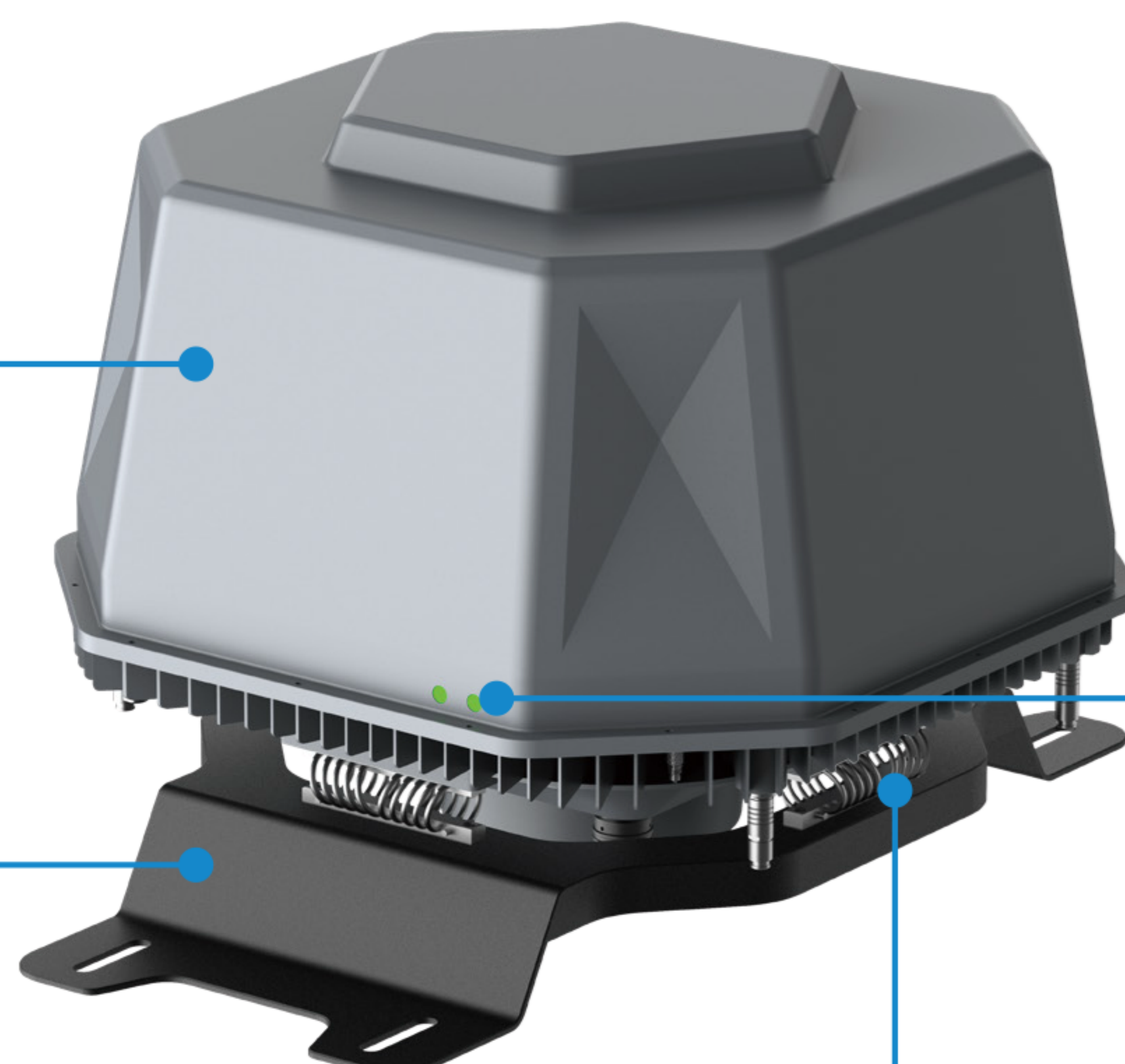
# COMPONENT INTRODUCTION

### Vehicle-mounted FPV Jammer Host Unit

Used for generating and emitting radio frequency jamming signals

### Mounting Bracket

Used to securely mount the vehicle-mounted FPV jammer host unit.



### Indicator Light

Used to display the software and hardware status of the vehicle-mounted FPV jammer host unit.

### Vibration Damping System

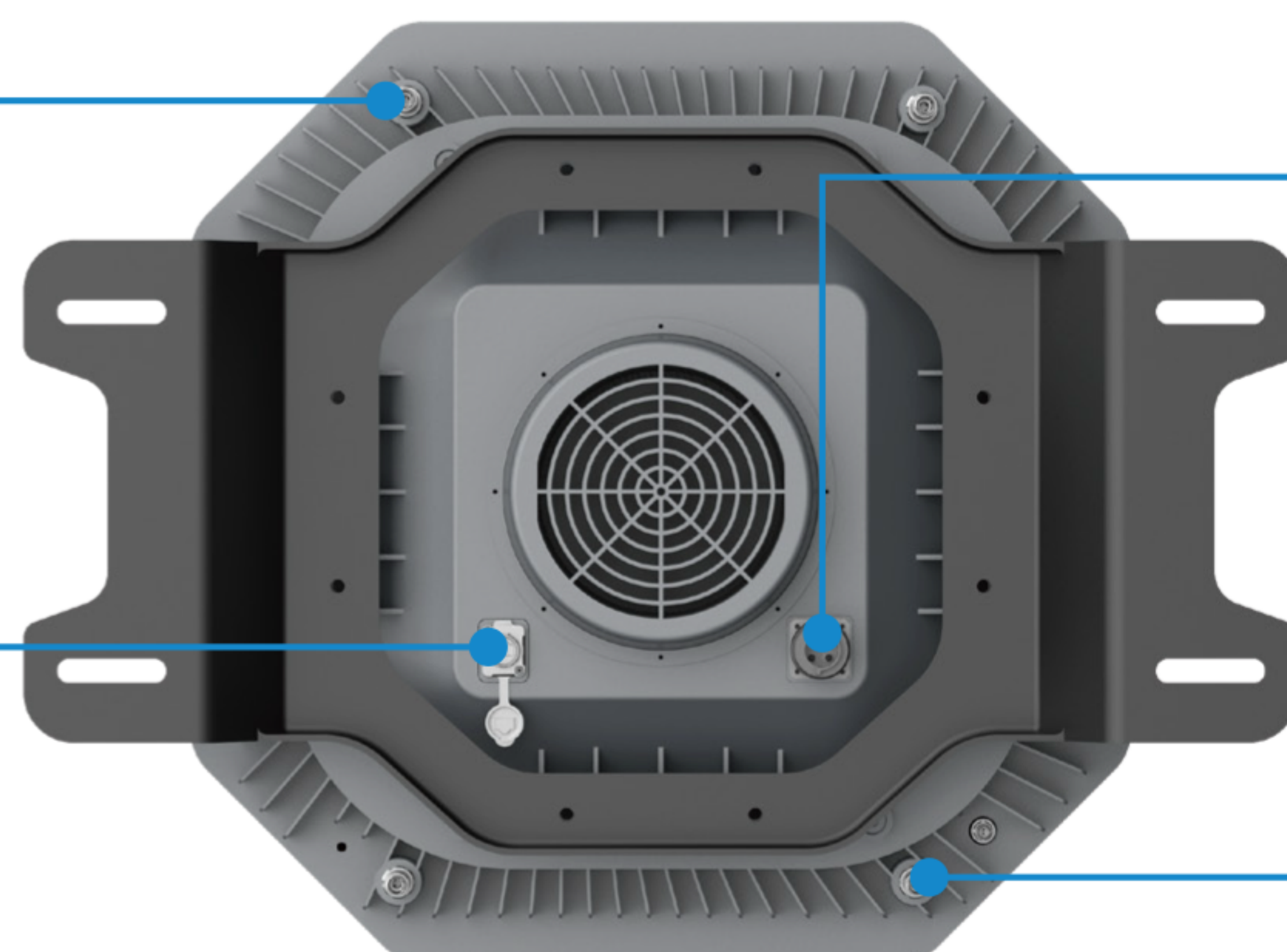
Provides additional protection to the host unit, preventing malfunctions or damage caused by excessive vibration.

### Expansion Module Power and Control Interface

Used to connect the vehicle-mounted FPV jammer host unit with the expansion module, providing power and control for the expansion module to activate or deactivate the jamming signal transmission.

### Data Interface

Used to connect to the C2 tablet display device to show the system status, configuration parameters, and control the vehicle-mounted FPV jammer (including the main unit and expansion modules) to activate or deactivate the jamming signal transmission.



### Power Interface

Provides high-power connection to the power supply equipment, delivering power to the vehicle-mounted FPV jammer (including the main unit and expansion modules).

### Manual Jamming On/Off Switch

Used to connect the manual on/off control switch.



# KEY SYSTEM METRICS

| PROJECT                  | SUBSECTION                    | DESCRIPTION                                                                                                                                                                     |
|--------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical Specifications | Effective Protection Radius   | > 300m                                                                                                                                                                          |
|                          | Interference-to-Control Ratio | TBS Crossfire (2w) 1:1; ELRS (1w) 1:3                                                                                                                                           |
|                          | Effective Protection Height   | > 500m                                                                                                                                                                          |
|                          | Coverage Angle                | Horizontal: 360° / Vertical: 90°                                                                                                                                                |
|                          | Countermeasure Frequency Band | 400-1100MHz、1080-1360MHz、<br>2400-2500MHz、3310-3495MHz、<br>4800-6000MHz                                                                                                         |
|                          | Output Power                  | Remote Control Signal Jamming Single-Channel<br>Output Power: 100W<br>Video Transmission Signal Jamming<br>Single-Channel Output Power: 50W<br>Total System Output Power: 1150W |
|                          | Operational Mode              | ① Omnidirectional Mode<br>② Flexible Mode (Real-time Independent<br>Configuration of Jamming Direction)                                                                         |
|                          | Scalability                   | Customizable Frequency Band,<br>Up to 100W per Band                                                                                                                             |
| Basic Specifications     | Continuous Operating Time     | > 4h                                                                                                                                                                            |
|                          | Protection Level              | IP67                                                                                                                                                                            |
|                          | Operating Temperature         | -40~70℃                                                                                                                                                                         |
|                          | Storage Temperature           | -40~70℃                                                                                                                                                                         |
|                          | Dimensions (L*W*H)            | 760*578*480 mm                                                                                                                                                                  |
|                          | Power Consumption             | 2850W                                                                                                                                                                           |
|                          | Weight                        | Main Unit Weight: 34kg<br>Video Transmission Jamming Module Weight: 7.6kg<br>Expansion Module Weight: 2kg per unit                                                              |