

XY2561 portable full frequency countermeasures

demining and explosive disposal equipment



V1.0

I. Equipment description

1. Risk warning

- Do not use the device in an outdoor environment during thunderstorms
- Keep equipment away from fire
- Do not disassemble parts of the device when it is powered on
- Avoid water or internal liquid flow
- Avoid serious device collisions and prevent internal lithium battery combustion
- Before starting the device, check whether the antenna is fully connected to the corresponding interface
- When the device is turned on, patients wearing implantable electronic treatment devices (such as pacemakers) should be strictly set
- Be prepared to maintain a distance of more than 10 meters

2. Device parameters

Specification	Details	
Channel 1	20-100MHz	50W
Channel 2	5150-5350MHz	50W
Channel 3	2300-2485MHz	50W
Channel 4	1520-1620MHz	50W
Channel 5	850-960MHz	50W
Channel 6	1805-1920MHz	50W
Channel 7	300-500MHz	50W
Channel 8	2496-2690MHz	50W
Channel 9	2110-2170 MHz	50W
Channel 10	3300-3600 MHz	50W
Channel 11	5725-5850MHz	50W

Channel 12	100-300 MHz	50W
Dimensions	63*49*35cm	
Weight	<60kg	
Power Supply	AC: 220V DC: 28V	
Temperature/Humidity	-20° C to +50° C / ≤80%	
System Reliability	MTBF not less than 1000 hours	
System Response Time	Not more than 30 seconds (from startup to normal operation)	

Packing list:

Item	Quantity	Picture
Main Unit	1	
Wired Control Box	1	
European Standard AC Power Cord	1	

Control Box Connection Cable	1	
RJ45 Network Cable	1	
Charging Power Adapter	1	
Full-Band Test Antenna	12	

Equipment description:

Side:



1. Device power switch;
2. Wire box interface;
3. Mains AC220V interface; (This interface cannot charge the battery of the device)
4. Device battery charging interface;
5. RJ45 network port

Top:



Module panel:



1. Feeder connector;
2. Module running indicator;
3. Module frequency band and power display;

4. Module switch;
5. Machine power display and switch;
6. Machine parameter display and page turning button;
7. Battery switch (This switch should be turned off when using AC220V power supply)

Wire box panel:



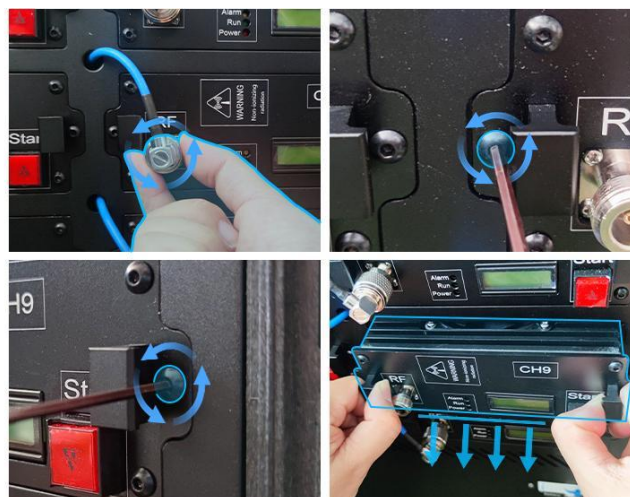
1. Cable box display. Displays the internal battery level
 2. Power switch of the cable control box module. Power supply for each module is controlled independently
 3. One-button start switch of wire control box
 4. Cable ports for the cable control box. Connect the wire box to the device
- Warm tips: equipment host rod stretching instructions
1. Place the device host vertically and find the handle of the pull rod.
 2. Push out the buckle of the rod and pull it upward.



How to use:

1. Stand the device upright with the RF output interface facing upwards and place it vertically on the ground;
2. Insert all omnidirectional antennas into the corresponding interfaces, and tighten the nuts on the antenna interfaces.
3. Access the wire control box;
4. If mains power is used, directly connect the power cable to the AC220V port.
5. If you use battery power supply, please ensure that the remaining battery power is sufficient;
6. Turn on the power switch of the chassis.
7. Turn on the corresponding channel switch through the cable control box as required, and ensure that the red button on the corresponding channel module is displayed
Also in the open state, the module will run normally;

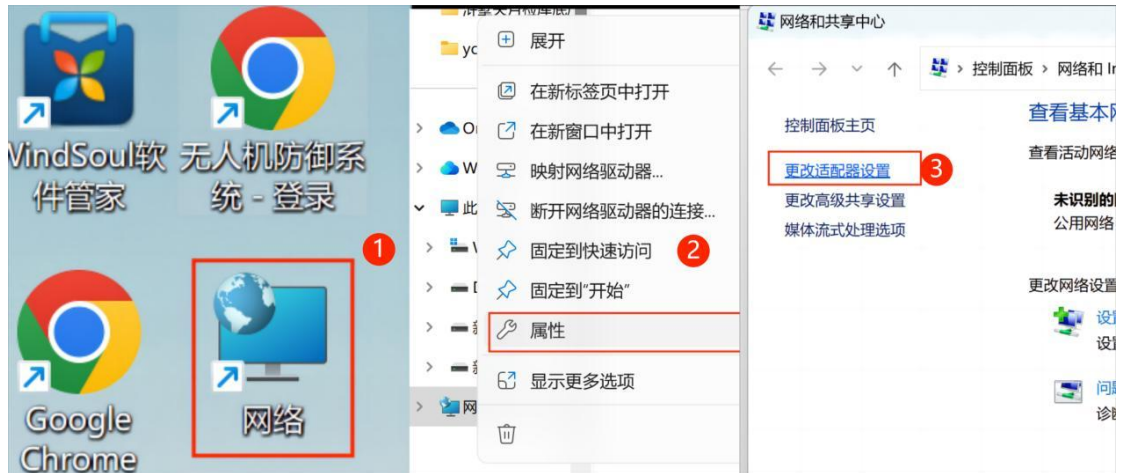
8. After use, power off the device before removing the antenna. Module replacement method:



After unscrewing the feeder connector and screws on both sides of the module, you can remove and replace the module

Attached: Software instructions

1. Configure the local network



- 1 Double-click Network to open the page and find Network.
- 2 Right click "Network" find "Properties" left click;
- 3 Click "Change Adapter Settings" on the left.
- 4 Right click "Ethernet" find "Properties" and click;
- 5 Double-click Internet Protocol Version 4 (TCP/IPv4).
- 6 Click "Use the following IP address" and set the IP address to: 192.168.0.X (X≠0/1/7);
- 7 Set Subnet Mask to 255.255.255.0.
- 8 Set Default Gateway to 192.168.0.1