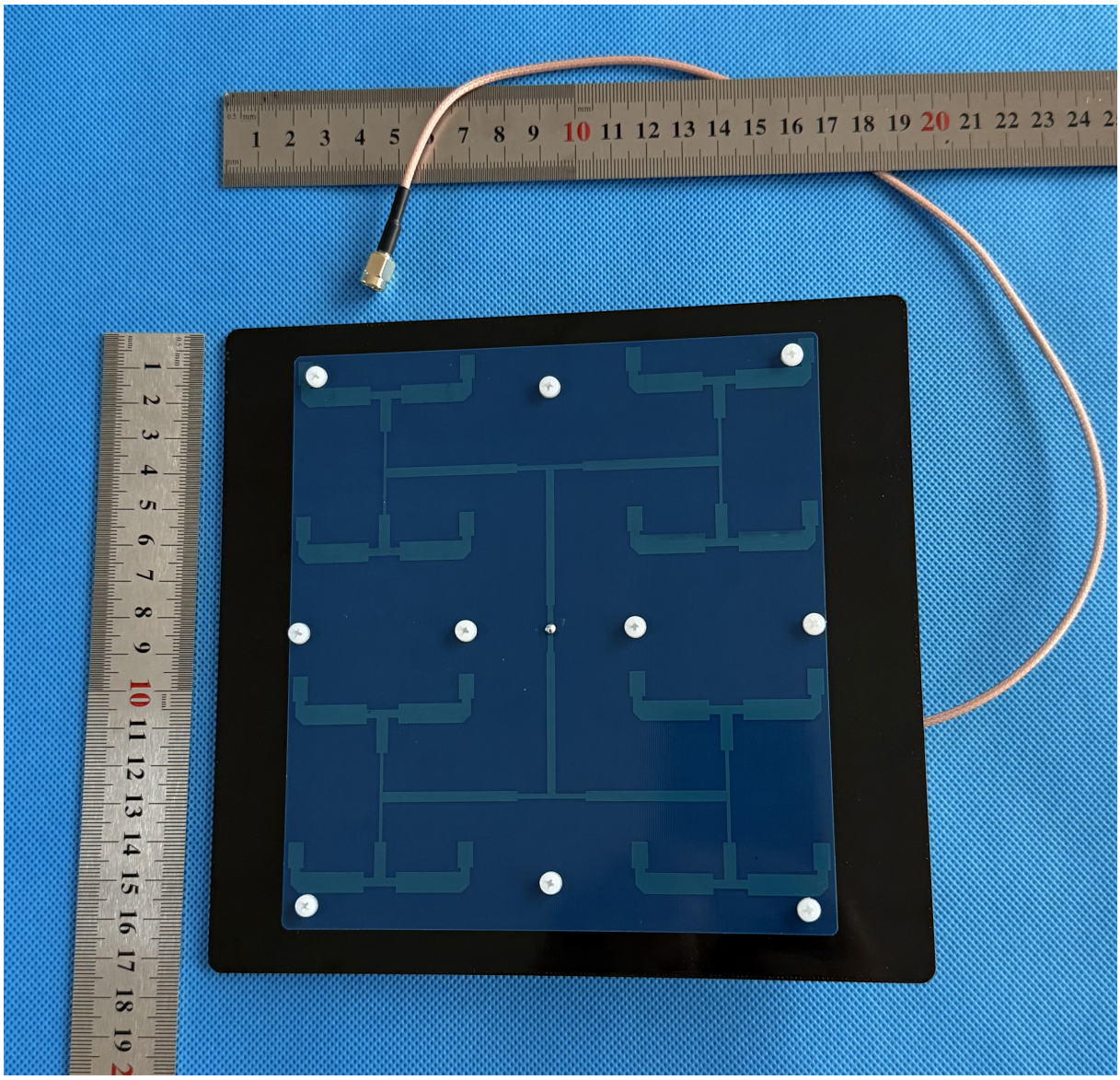
Hawkeye 5.8G 21db Antenna

V1.0

Latest manual:

https://drive.google.com/file/d/1yD9SHJIcV3umoQpAp_gcA_DE5Hf9MUn-/view?usp=sharing



Dimensions

Size: 18.7CM*18.7CM*1.2CM

Weight: 174g

Connector: SMA,45CM

Specifications:

Polarization：Linear

Main lobe Gain：21dBi

Main lobe Direction: 93.0 deg.

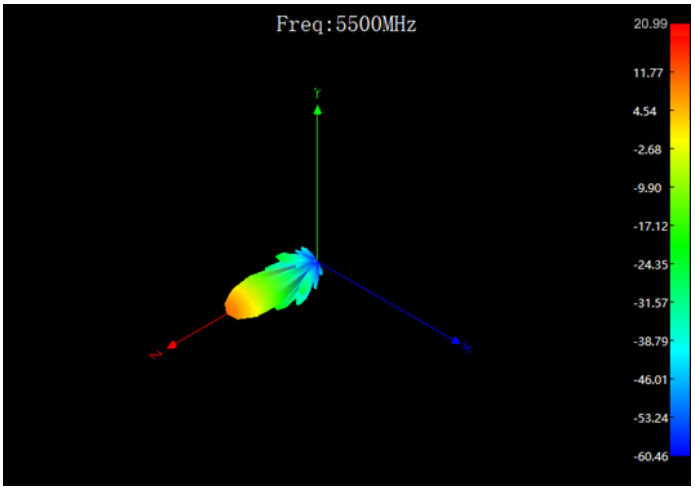
Angular width (3 dB):18.65 deg.

Side lobe level:-24.12 dB

Center frequency:5500MHz

Bandwidths:5000-6000MHz

VSWR:≤1.4



Installation

Flat Panel Antenna Installation Methods and Precautions

1. Installation Steps

1 Install the flat panel antenna

Attach the flat panel antenna to the bottom of the bracket using 1/4 screws. Connect the SMA coaxial cable to the device screen or goggles.



2 Adjust direction

Keep the antenna vertically upright, and do not tilt it more than 3–5 degrees. When the drone is more than 3 km away, the signal is basically vertical.



3 Secure and inspect

After confirming the direction, tighten the bracket lock and check that the cable connection is secure.

4 Ensure both antennas have the same angle and direction



2. Precautions



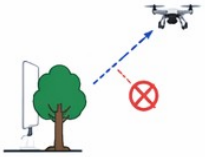
Keep the antenna vertical

The flat panel antenna must be kept vertically upright (within ±5°).



Keep the antenna facing the drone

Make sure the antenna faces the drone at all times.



Avoid obstructions

Ensure there are no obstacles between the antenna and the drone.



Waterproof and lightning protection

Take proper waterproof measures during installation to avoid using the antenna in rainy thunderstorm weather.



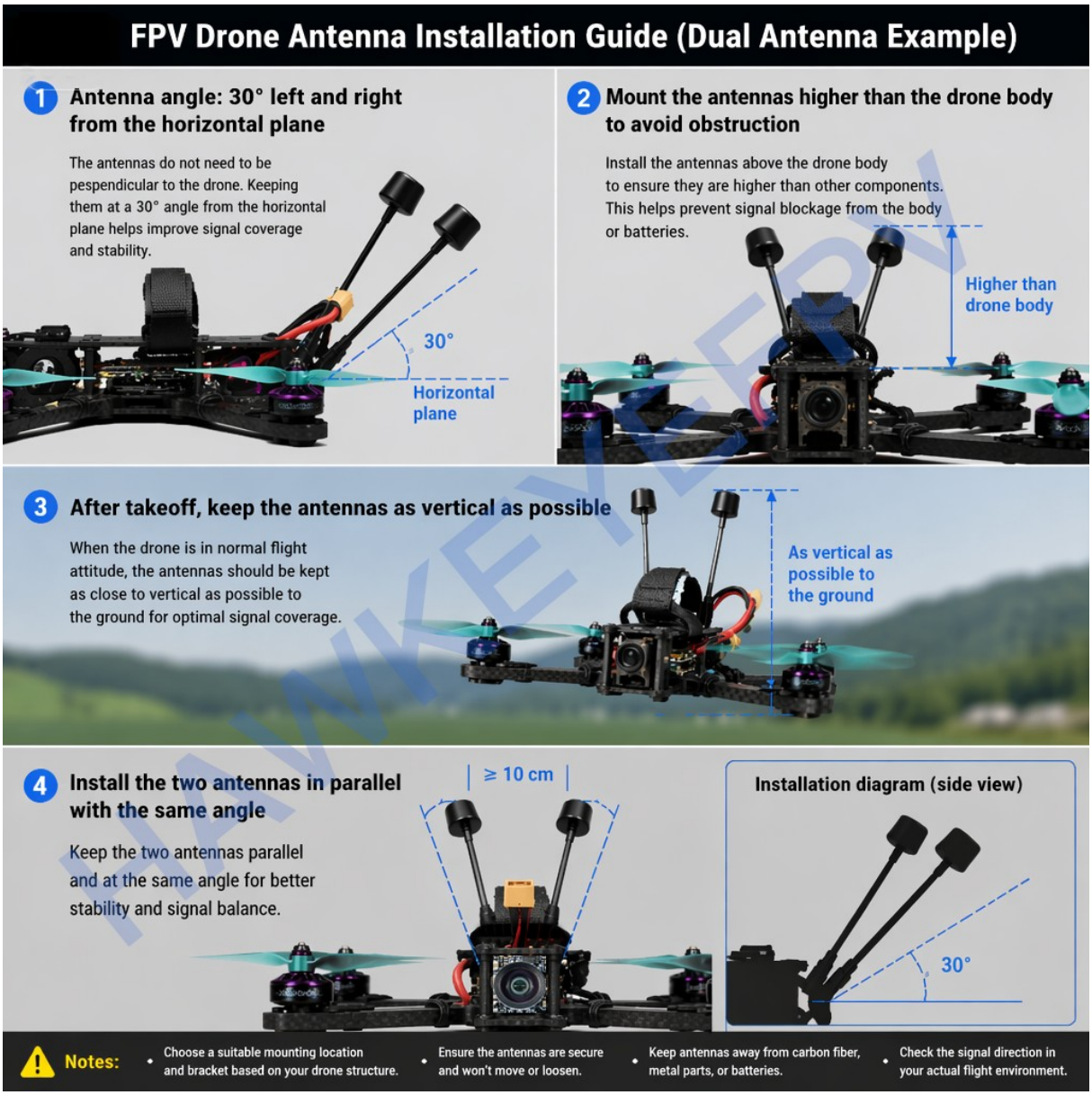
Check cable connections

Ensure all cable connections are secure to prevent poor contact or damage.

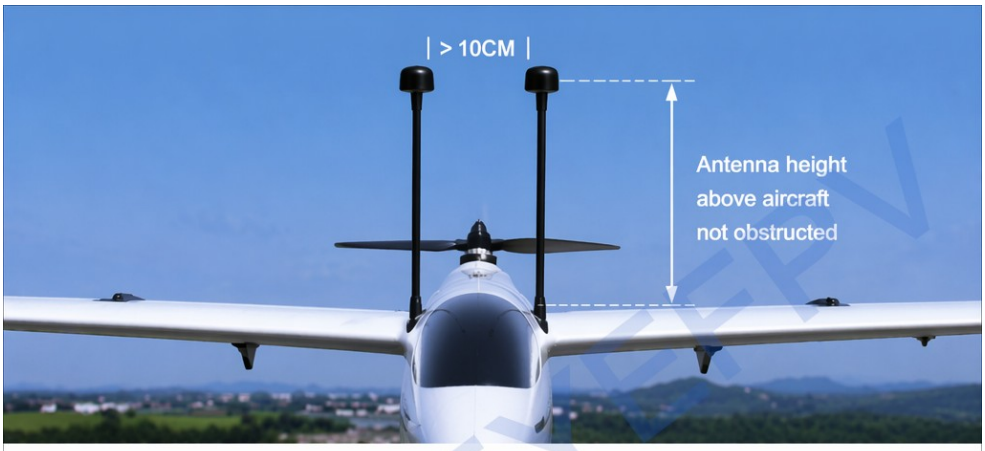
Tip: After installation, it is recommended to perform a signal test to ensure stable and reliable communication.

HAWKEYEFPV

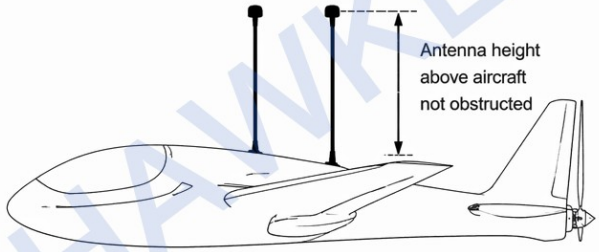
FPV drone Antenna installation:



Fixed wing Antenna installation:



Installation Diagram (Side View)



Installation Requirements:

1. Both antennas must be perpendicular to the ground
2. Antennas must be higher than the aircraft and not obstructed
3. Keep antennas vertical
4. The two antennas must be parallel to each other

HAWKEYE FPV