



SKY400-D Portable Drone Detection and Video Capture System

This portable system, with full frequency coverage from 70MHz to 6.2GHz, detects all drone models, especially FPV and DIY drones, with high sensitivity.

Thanks to its full-band scanning capability, which covers FPV video transmission frequencies from 500MHz to 6GHz, it can instantly capture, analyze, and record first-person view (FPV) images of drones. Its compact structure, portable design, multiple carrying methods, and smart wristband integration provide security forces with speed, flexibility, and high operational advantages in field operations.



Technical Specifications

- Detection Type: Common drone models, FPV drones, DIY drones, etc. • Detection Frequency Range: 70MHz – 6.2GHz (customizable), supported frequencies:
- 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
- Detection Radius: ≥ 1.5 km (in open line of sight and suitable electromagnetic environment)
- FPV Video Detection: 500MHz – 6GHz (customizable)
- Video Capture Distance: ≥ 1.5 km (under suitable conditions)
- Detection Response Time: ≤ 3 sec (8 bands) / ≤ 5 sec (12 bands)
- Detection Principle: Spectrum scanning, spectrum feature recognition
- Alarm Mode: Sound, vibration, light
- Storage: 32GB memory card
- Battery Life: ≥ 24 hours (main device)
- Device Size: 212mm x 137mm x 41mm (L x W x H)

Innovative Features

- Full-Band Coverage: Customizable spectrum scanning from 70MHz to 6.2GHz.
 - FPV Video Capture: Real-time monitoring and recording of drone snapshots.
 - Video Storage: Quickly saving captured images.
 - Fast Response: Detection in less than 3 seconds.
 - Alarm Linkage: 1+N operating mode, rapid alerting with master and slave devices.
 - Portable Design: Ease of use in the field with multiple carrying methods and a smart wristband.
- Areas of Use.



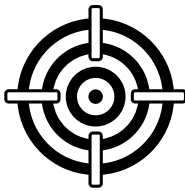
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Areas of Use

Law Enforcement and Military Operations: Instant drone detection and FPV video analysis for mobile teams.



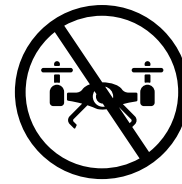
Field Security: Open areas, critical operation areas, and crowded events.



Border and Terrain Surveillance: Fast and portable solution for mobile security teams.



VIP and Private Security: Deterrent system against airspace threats in protection missions.



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The SKY400-D Portable Drone Detection and Video Capture System offers a fast, practical and innovative solution to modern security needs with its lightweight design, smart alarm features, FPV image capture capability and full frequency coverage.

