

Drone RF Direction Finding System

DZDF-3A4D is the RF Directional Finding System, which can detect the incursion of hostile drones by real-time direction finding of the RF emissions of the drone and its operator.

The system is based on direction finding antenna, real-time spectrum analyzer and special software built-in. All parts work together to provide gap-less data streaming, for 24/7 monitoring and recording of the RF spectrum

- Detecting frequency: 2.4GHz, 5.8Ghz (433MHz, 915MHz or 40M-6GHz are optional rely on end user's requirement)
- Detecting distance: 500m-2km with 4 directional finding antenna arrays; (unlimited detecting distance will rely on the number of DF antennas deploy)
- Detecting accuracy: Azimuth 5°~ 25° Elevation 10°~ 25°
- Antenna scanning speed:≤1us/360°
- Response speed: ≤1ms
- Antenna sensitivity: -100dBm to -110dBm
- Power supply: 90V-230V
- Operating Temperature/Humidity: -30°~ +45°, 10%~90%
- Working time: 7x24 hours(day and night, all weathers conditions
- Total weight: <25Kg (without telescopic mast pole)

Features

- Detecting any kinds of commercial drone
- Tracking and finding the operator
- Multiple targets detecting
- Working in all day and all- weather
- 24/7 monitoring and recording without any gaps
- 360° coverage

