

CY-DTECTOR-F10

FIXED DETECTOR

The fixed drone detector functions the drone detection, early warning, model identification and positioning tracking within the detection range by detecting radio signals radiated by drones. It utilizes the radio spectrum analysis, Drone ID and Remote ID.



FEATURES

Automatic Library Adding	Multiple Models Identification	Long Range	Precise Direction Finding
Having the ability to expand the drone spectrum feature library, supporting on-site manual or automatic signal collection, and adding to the feature library	Supports identification of mainstream consumer drones such as DJI and Autel, as well as self-made drones, FPV, WiFi drones, etc.	Detection Radius>10km(DJI Series Drones);Detection Radius>5km(FPV, etc.)	Direction finding accuracy of DJI drones $\leq 0.5^{\circ}$ ; Direction finding accuracy of FPV drones $\leq 3^{\circ}$

SPECIFICATIONS

Frequency Range	20MHz-8000MHz / 20MHz-6000MHz / 300MHz-6000MHz
Response Time	$\leq 2s$
Detection Angle	Horizontal:360°; Vertical -20~+70° for accurate direction finding -70°~+90°for accurate identification
Detection Radius	Detection Radius>10km(DJI Series Drones);Detection Radius>5km(FPV, etc.)
Direction Finding Accuracy	$\leq 3^{\circ}$
Protection Level	IP66
Working Temperature	-45°C~+70°C
Dimension	$\varphi 590mm \times H350mm$