

VDC1

Detection Jamming Integrated

Overview

This device is based on RF sensing and jamming to detect and neutralize non-cooperative drones. It features neat and concealed layout with flexible deployment options such as mounted or stationary.



Specifications – Detection

Work mode	RF sensing
Target	Control and/or GNSS link
Frequency	100MHz~6GHz independent or combined
Detection range^[1]	Urban environment 1~5 km
Swarmdetection (Simultaneously)	≥20
Response Time	<4s
Directional Mode	Directional/Omni-directional

Features

Integrated design

Modules for detection and countermeasure integrated in one compartment, small size

Detection and countermeasure integrated

Linkage between detection and countermeasure, autonomous target acquiring and countermeasure

Function effectively on the go

Function in high-speed moving state

Strong adaptability

Adapt to different types of vehicles, few modification to the vehicle required

Specifications – Jamming

Work mode	RF jamming
Targets	both the video transmission and the control link, Navigation (optional)
Frequency	900MHz、1.5GHz、2.4GHz、5.2GHz、5.8GHz
Jamming range^[2]	Urban environment 1 ~ 2 km
Identification capability	DJI,DIY,FPV,racing drone models
Size	Φ*H(600m*420mm)±2mm
Weight	~30kg



Note:[1][2]Range may vary with environment and model