

ANTI DRONE SYSTEM



INTERNATIONAL
ARMOUR
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All-in-one Platform,
Real-time 24/7 Surveillance & Threat Mitigation

Detect / Defend UAV / Drones System IAW1520D

Passive Detection: Passively receives signals, does not emit any electromagnetic signals, able to detect drone model and its electronic fingerprint

Direction Finding Accuracy: Accurately determine the UAV's intrusion direction and indicate the target ;

Identification Accuracy: Accurately identify different drones of the same brand, same model, and same frequency band ;

Precise Defense: Designate to jam any one of the two drones;

Full-autonomy Mode: 24-hour automatic detection and alarm, no need of personnel on duty

Combined Defense: combination of narrowband, frequency hopping, low-power precise defense and wideband high-power jamming;

Black & White List: Able to mark the drone into black and white list with a single click, and the white list drone does not alarm ;

Model Library: Support all DJI models, mainstream brands, DIY drones. Cover more than 98% of drone models on the market ;



MERCURY SYSTEM

Passive detection	Support Frequencies	30MHz~6GHz Full band scanning, detection, display
	Detection Rang	3km
	Detection Sensitivity	≥ -95dBm (25kHz)
	Direction Finding Accuracy	Moving ≤ 10°, Hovering ≤ 3°
	Direction Directivity	360°Omnidirectional
	Adaptable communication modulation method	FM, 2FSK, 4FSK, GFSK, MSK, BPSK, QPSK, 16QAM, 64QAM, OFDM, DSSS, FHSS
	Simultaneous Detection	≥30 Drones
Wideband jamming	Support Frequencies	2.4G、5.8G、1.5G (Other frequency bands can be customized)
	Jamming Range	2km
Precise Defense	Support Frequencies	2.4G、5.8G
	Defense Range	2km
Equipment Specification	Dimensions	410mm×330mm×190mm (length×Width×Thickness)
	Weight	13.8kg

DRONES DETECTION/JAMMING LIST

DRONE	WiFi	DIY
DJI Lightbridge 2.4G/ 5.8G	DJI Mavic Mini/ Mini SE/ Mavic Air	Analog Video 5.8G/ 1.2G
Inspire 1/1 raw/ 1 pro /2	DJI Tello/ Spark	Panda Video
Matrice 100/ 200/ 600/ 600 Pro	DJI Phantom2 Vision	Fat Shark
Phantom3 Advanced/ Pro/ 4K/ Se	DJI Phantom3K/ 3 Standard	Rush Solo
Phantom4 /Advanced/ Pro	DJI Robomaster S1	Temoku Video
DJI Ocusync 2.4G/ 5.8G	XIAOMI 4K/ X8 Mini	
Mavic Pro/ Platinum	XIAOMI MI_CAM/ Mitu	Radio Modem 433M/915M
Mavic2/ 3/ 3Pro/ 3 Classic	XIAOMI X8se/ X8se 2020 / 1080p	CUAV Xbee
Mini2/ 2SE/ 3/ 3Pro	PARROT Disco/ Mambo/ Anafi	CUAV Diji Xtend
Mavic Air 2/ 2S	PARROT Bebop /Bebop 2	CUAV P9 Radio
Dji Avata/ FPV	PARROT Anafi Extended	CUAV Diji Sx
Dji Inspire 3	HUBSAN Zino/ Plus	CROSSFIRE
Matrice 200 V2	HUBSAN H107S	MICROHARD Pico900
Phantom4 V2/ RTK	HUBSAN H507A X4 Star Pro	HOLYBRO
	HUBSAN H216A X4 STAR PRO	3DR
AUTEL 2.4G/ 5.8G/ 5.2G	AEE X7 Pro/ Sparrow2/ AP11	FF_433
Evo II Pro V1/ V2/ V3	HOLY STONE HS100G/200/700	MRO-SIK Radio
Nano/ Nano+	WALKERA Vitus/ Devo	DRAGONLINK
Lite/ Lite+	YUNEEC Mantis Q	Lora
	YUNEEC Typhoon H/ 4K/ h480/H520	
FEIMA 1.4G/ 900M	SYMA X5uw/ X8 Pro/ X15w/ X21w/ X20	RC 2.4G
F200/ F300/ F1000/ F2000	SYMA X25 Pro/ X26A/ X56W/ X30/ Z1	FUTABA T14SG
V100/ V200/ V300/ V1000	YUNK S20w/ S13/ S15/ S6/ S169	FUTABA T16SZ
D200/ D1000/ D2000	RAKE F11/ A1S/ A8G	FUTABA T18SZ
P300	NUOBAMAN X6w/ X18w/ X7/ X5w	FUTABA T8FG
	CHANGTIANYOU Faith2/ Faith2S	JR XG8
DRONES 1.4G	CHANGTIANYOU Arno SE	JR 11X
HIKVISION UAV-MX4060A	POWERSVISION Egg X/ Dolphin	FLYSKY Paladin
HIKVISION UAV-MX4080A	FEIPAI Sg906 Pro/ 6K Air/ Pro	FLYSKY FS-I6X
HIKVISION UAV-MX6150A	SJRC S20w/ 70w/ Z5/ F7/ F11 Pro	HITEC Flash 7/8
HIKVISION UAV-MX6150B	MJX Bugs3/ Bugs5	WFLY WFT09SII
DAHUA X650L	3DR Solo	WFLY ET12
DAHUA X1550L	ZEROTECH Dobby	RADIOLINK AT9S
DAHUA X1100	BEAST 3E	RADIOLINK T8FB
KVB 206	JYMIND	MICROZONE MC6C
MMC 1550	MAKENQI P8	SPECTRUM DX6E
DAGONG X402/X405/ X430		FRSKY Taranis X9d Plus
	WiFi DRONES 5.2G	TFMODEL TF8G
OTHER DRONES	HUBSAN Zino2/ Plus	
JOUAV CW-007	HUBSAN Zino Pro	DRONE Remote Controller 840M/ 900M
JOUAV CW-15	YUNK F11/ Z5/ S32	HIKVISION UAV-MX4060A
HUBSAN Mini Pro	YUNK Bugs 5w	HIKVISION UAV-MX4080A
AEE F100	RAKE H78G/ X6/ X5	HIKVISION UAV-MX6150A
UPAIR One Plus	NUOBAMAN X18w/ X7	HIKVISION UAV-MX6150B
ALLTECH KWT-X6L/ X8L/ X6M	CHANGTIANYOU Obtain	ALLTECH KWT-X6L/ X8L/ X6M

Complete Security Radar, RF detection, RF jamming, GPS spoofing, E/O surveillance, drone capture system and user-friendly control software in one.

Multi-Layered Defense Radar and RF detect drones; jamming disrupts communication; GPS spoofing confuses navigation; E/O provides visuals; Auto drone capture - hardkill solution.

Real-Time Protection Instantly counter drone threats 24/7.

Customizable Easy installation, operation and monitoring.

Protect Assets Secure critical sites and airspace within customized 500m, 2km and 5km radius range

