

DF-04 RID DID Signature Matching Supervision Node Streams UAV Identity Records Over 4G Backhaul

Our Product Introduction

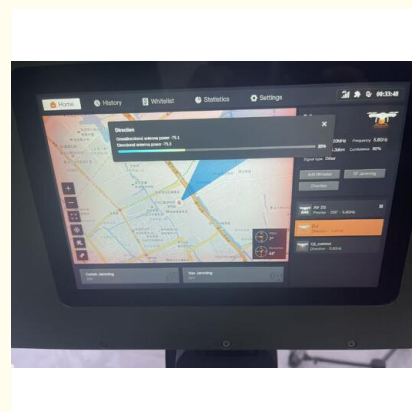
Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CE, FCC, ISO9001
- Model Number: DF-04
- Minimum Order Quantity: 2
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 1000units per month



Product Specification

- Working Band: 300MHz-6000MHz
- Azimuth Accuracy: $\leq 1.0^\circ$
- Working System: Directional Antenna
- Range Of Radar: 3KM-5KM
- Effective Detection Range: 1KM-3KM
- Transmission Frequency Band: 9 Bands
- Feature: Remote Control
- Pitch Accuracy: $\leq 1.0^\circ$
- Azimuth Coverage: $\geq 90^\circ$
- Power: 600W
- Elevation Coverage: 360°
- Application: Public Places
- Highlight: 800 signature RID DID parsing, whitelist managed drone supervision node, 4G backhaul UAV identity uplink



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Product Description

AIRSPACE SUPERVISION · IDENTITY LAYER

Most drone sensors stop at "something is flying". This configuration is built for the stage after that question: it identifies **which** airframe is flying. RID and DID payloads carried on the control link are decoded and matched against a built-in library of more than 800 UAV signatures, so the output is a brand, model and serial number rather than a warning buzzer.

The Data Path

Capture

The SDR receiver listens to the 300MHz-6GHz span in three switchable segments and holds each emitter it hears as a separate entry.

Identify

Decoded RID and DID fields are compared with the 800+ signature library; unknown frames stay flagged as unidentified traffic instead of being discarded.

Vet

A managed whitelist separates registered inspection, delivery and survey flights from everything else on the list.

Report

Identity records leave the unit through 4G backhaul and land directly in the upper-level management platform, with no local retyping step.





Supervision Parameters

Receiver type	SDR signal source, passive reception
Covered spectrum	300MHz-1000MHz, 1000MHz-3000MHz, 3000MHz-6000MHz — segment plan customized per project
Detection radius	3-5KM
RID / DID readout distance	3KM
Signature library	800+ UAV entries, brand / model / serial level
Whitelist handling	Managed list, registration-aware filtering
Uplink	4G data transmission to upper management platform
Azimuth sector	$\geq 90^{\circ}$
Elevation sector	360°
Bearing mode	Automatic direction finding
Power per SDR channel	100W
1:1 working distance	1-2KM

Temperature window	-40 to +55
Net weight	≤45kg

Why Projects Choose This Configuration

Evidence, not just alerts — a serial number and model name can be handed to an authority; a signal strength reading cannot.

Fewer false call-outs — whitelist screening removes the registered delivery and survey flights that otherwise dominate a shift log.

Platform-ready — 4G backhaul means the unit can sit on a pole or rooftop with no operator and still feed the control room.

Deployable by one person — portable housing with a ≤45kg net weight, suited to temporary events as well as permanent supervision sites.

Manufacturer

Built by Chongqing Miao Yi Tang Technology Co., Ltd., founded with USD 12 million and working in cooperation with the IoT Research and Development Center of the Chinese Academy of Sciences and Sichuan University Zhisheng Software Co., Ltd. (002253). The company develops AIoT cloud-plus-edge systems that combine electromagnetic, optoelectronic, visual and positional data into a single ground and low-altitude security picture — which is the architecture these supervision projects plug into.

Certifications





210021022464
170009020967



(2020) 徽认监认字(275)号



中国认可
国际互认
检测
TESTING
CNAS L0653

报告编号: 公沪检202241970

检验检测报告

样品名称	手持无人机侦测反制设备
型号规格	DR300-1
受检单位	江西中科智鹏物联科技有限公司
检测类别	委托检测

国家安全防范报警系统产品质量检验检测中心(上海)
公安部安全防范报警系统产品质量监督检验测试中心



中国认可
国际互认
检测
TESTING
CNAS L0531

160021020992 (2019) 国认监认字 (Z74) 号
210020024472



公京检第 2206110199 号

检 验 报 告

产品名称: 智能周界防御系统

型号规格: DP200

受检单位: 江西中科智鹏物联科技有限公司

检验类别: 委托检验

报告日期 2022 年 7 月 11 日 [公 章]

国家安全防范报警系统产品质量检验检测中心 (北京)

公安部安全与警用电子产品质量检测中心
检验检测专用章



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中国认可
国家互认
检测
TESTING
CNAS L0653

报告编号: 公沪检202244994

检验检测报告

样品名称	无人机侦测定位系统
型号规格	DR360
受检单位	江西中科智鹏物联科技有限公司
检测类别	委托检测



国家安全防范报警系统产品质量检验检测中心(上海)
公安部安全防范报警系统产品质量监督检验测试中心



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计算机软件著作权登记证书

证书号： 软著登字第11648415号

软件名称： 智慧园区资管系统
V1.0

著作权人： 江西中科智鹏物联科技有限公司

开发完成日期： 2023年02月10日

首次发表日期： 2023年02月11日

权利取得方式： 原始取得

权利范围： 全部权利

登记号： 2023SR1061242

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2023年09月14日

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计算机软件著作权登记证书

证书号： 软著登字第11648412号

软件名称： 智慧人防网格化管理系统
V1.0

著作权人： 江西中科智鹏物联科技有限公司

开发完成日期： 2023年03月01日

首次发表日期： 2023年03月02日

权利取得方式： 原始取得

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2023年09月14日

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证书号： 软著登字第10447697号

软件名称： 双重预防机制系统
V1.0

著作权人： 江西中科智鹏物联科技有限公司

开发完成日期： 2022年04月13日

首次发表日期： 2022年04月19日

权利取得方式： 原始取得

权利范围： 全部权利

登记号： 2022SR1493498

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No. 11850514



2022年11月11日



Project Support

Because these units usually enter a tender or a system integration, we deliver them with a signature library version note, a band plan matched to the site's spectrum survey, and the uplink protocol document your platform team needs for testing. Commissioning can be handled remotely over the 4G link or on site, and library updates are issued as new airframe models reach the market.

Figures shown describe the standard configuration; band segmentation, whitelist-grade interface documents and whitelist rules are agreed during project review.



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