

## Ultra-Long-Distance Communication Equipment 100km+ Reliable Transmission For Maritime Security Emergency

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DT-04
- Minimum Order Quantity: 1
- 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

- Land Communication:  $\geq 150$  Km
- Coast Communication:  $\geq 400$  Km
- Maritime Communication:  $\geq 200$  Km
- Mountainous Area Communication:  $\geq 80$  Km
- Output Power: 50w
- Product Type: Ultra-short Wave Over-the-horizon Communication Equipment
- Highlight: **handheld drone detector long-range, maritime security communication equipment, emergency drone detector 100km transmission**

## Product Description

### DT-04 Ultra-Long-Distance Communication Equipment

#### 1, Product Overview

The DT-04 series of ultra-long-distance communication equipment stands as the latest accomplishment in contemporary wireless communication technology. It incorporates advanced ultra-short wave beyond-line-of-sight communication technology, thereby entirely transforming people's perception of traditional communication equipment. This device is not merely a simple communication tool; rather, it is a sophisticated system integrating a multitude of cutting-edge technologies, enabling it to maintain stable and dependable communication connections in diverse extreme environments.

The design concept of the DT-04 is derived from an in-depth comprehension of the actual requirements of professional users. Throughout the design process, the R & D team fully took into account the communication characteristics in different industries and scenarios, and regarded reliability, stability, and user-friendliness as the core elements of product design. Whether on the rough seas with strong winds and towering waves or in the rugged mountainous regions, the DT-04 can offer users clear and stable communication services.

#### 2, Specification

| Category                 | Parameter                      | Specification                                             |
|--------------------------|--------------------------------|-----------------------------------------------------------|
| Basic Parameters         | Product Type                   | Ultra-short Wave Over-the-horizon Communication Equipment |
|                          | Output Power                   | 50W                                                       |
|                          | Operating Mode                 | Frequency Modulation (FM)                                 |
|                          | Frequency Range                | 30-88MHz (VHF Ultra-short Wave)                           |
| Communication Range      | Land Communication             | ≥150 km                                                   |
|                          | Mountainous Area Communication | ≥80 km                                                    |
|                          | Maritime Communication         | ≥200 km                                                   |
|                          | Coast Communication            | ≥400 km                                                   |
| Physical Characteristics | Weight (Main Unit)             | Approximately 5.5kg                                       |
|                          | Operating Temperature          | -30°C to +60°C                                            |
|                          | Protection Rating              | IP65                                                      |
| Power Requirements       | Operating Voltage              | 13.8V DC ±15%                                             |
|                          | Operating Current              | ≤25A (Transmitting), ≤1.5A (Receiving)                    |
|                          | Standby Current                | ≤0.5A                                                     |

#### 3, Features

DT-04 uses advanced beyond-line-of-sight comm tech, breaking traditional line-of-sight limits. It can transmit long-distance via ionospheric reflection, maintaining stable connections in oceans, mountains. It has an intelligent power control system, optimizing energy use and ensuring quality.

Rigorously tested, DT-04 works in various terrains, -30°C to +60°C, with IP65 rating. It resists electromagnetic interference.

Made to military standards, components are inspected. It has 10+ year design life, MTBF > 5000 hours, and redundant key components. Comprehensive pre-launch tests were done.

It has a user-friendly interface, one-key ops, intelligent channel scanning, and a status monitoring system.

Supports multiple encryption algorithms, has an emergency call button, a GPS module. Allows multi-device networking, relay mode, data transmission, with flexible options for different needs.



#### 4, Application Scenarios



## 5, Certification Certificate



## 6, Company profile

Chongqing Miao Yitang Technology Co., Ltd. is a specialized company engaged in anti-drone and unmanned intelligent defense management. With the technical support from the AI Internet of Things Research Institute of the Chinese Academy of Sciences and collaborations with multiple intelligent AI companies, the company has established research laboratories for AI unmanned field products, accumulating a variety of technical patents.

The company's products are widely applied to unmanned automatic management solutions for various defense and perimeter areas, including AI anti-drone systems and AI unmanned vehicle patrol systems. These systems integrate with multiple technologies such as optoelectronics, radar, vibration, thermal imaging, facial recognition, and radio frequency management, truly achieving a 24-hour uninterrupted anti-drone defense and ground perimeter defense warning system. This allows for cost savings for clients, reduction in human resource allocation, and



ensures the safety of clients' lives and property. The outstanding security system has won the company an excellent reputation and created higher value for its partners.



## 7, Customer Service

- 1). We offer 24 hours service after sales
- 2). If there are any usage or quality issues with the product, we provide online technical support to diagnose the cause of the problem.
- 3). Should you find the products unsatisfactory, kindly return it to us within a period of 3 months from the date of dispatch. Upon receipt and inspection, should the products be found to be free from any damage attributable to human factors, a full refund will be granted. Alternatively, we can engage in discussions to amend the product and subsequently reship the product to you.

### CUSTOMER SERVICE

- \* Fast and patient communication: professional sales reply immediately
- \* Fast delivery: usually 2-7 days
- \* Flexible Safe shipping: fast by air or sea with cheap freight
- \* Customer-friendly: complete user manual and exact video training provided
- \* After sales service: one year warranty and life time technical support



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