

Trunking Signal Monitoring Provides High Accuracy Signal Detection And Identification For Comprehensive Wireless Communication Monitoring In Complex Environments

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DT-07
- 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

- Operating Frequency Range: 30 MHz To 6 GHz
- Signal Type: Trunked Radio Signals, Wireless Communication Signals
- Signal Detection: Cluster Signals Identification, Signal Carrier Detection
- Channel Monitoring: Up To 64 Or More Distinct Channels Simultaneously
- Operation Mode: Fully Intelligent And Automated Operation
- Power Supply: AC 220V / DC 12V Options
- Highlight: **handheld drone detector with signal monitoring, high accuracy drone signal detector, wireless communication monitoring for drones**

Product Description

DT-07 Trunking Signal Monitoring

1, Product Overview

Trunking Signal Monitoring is an advanced wireless signal monitoring system engineered for the high-precision detection and identification of trunked communication signals. This sophisticated solution offers comprehensive monitoring capabilities for wireless signals within the frequency range of 30 MHz to 6 GHz, thereby serving as an indispensable tool for security agencies, law enforcement entities, and communication monitoring professionals.

The system employs cutting-edge technology to monitor, analyze, and demodulate diverse wireless signals, including trunked radio communications. This ensures reliable and accurate signal detection even in complex electromagnetic environments.

Boasting robust processing capabilities and multi-channel monitoring features, Trunking Signal Monitoring delivers unparalleled performance in identifying cluster signals, detecting signal carriers, parsing transmission protocols, and discerning modulation methods for effective demodulation.

Whether utilized for communication intelligence collection, spectrum management, or security monitoring, this system provides the essential tools to maintain situational awareness and guarantee effective communication monitoring.

2, Specification

Parameter	Specification
Product Name	Trunking Signal Monitoring System
Technology Type	Wireless Signal Monitoring and Analysis
Core Function	High-precision signal detection and identification
Operating Frequency Range	30 MHz to 6 GHz
Signal Type	Trunked radio signals, wireless communication signals
Signal Detection	Cluster signals identification, signal carrier detection
Protocol Analysis	Transmission protocol parsing and analysis
Modulation Identification	Various modulation methods identification
Demodulation	Real-time signal demodulation capability
Channel Monitoring	Up to 64 or more distinct channels simultaneously
Processing Power	High-performance signal processing engine
Operation Mode	Fully intelligent and automated operation
Multi-channel Monitoring	Concurrent multi-channel signal guarding and demodulation

Carrier Detection	Carrier energy detection and analysis
Signal Analysis	Real-time signal analysis and visualization
Hardware Design	Compact, ruggedized industrial design
Software Interface	User-friendly interface with real-time visualization
Data Storage	Comprehensive signal data recording and storage
Form Factor	Desktop or rack-mountable design
Dimensions	Compact footprint for space-constrained environments
Weight	Lightweight for easy deployment
Power Supply	AC 220V / DC 12V options
Power Consumption	Energy-efficient operation
Operating Temperature	-10°C to +55°C
Storage Temperature	-40°C to +70°C
Humidity	5% - 95% non-condensing

3, Features

Trunking Signal Monitoring system is a cutting-edge wireless signal monitoring & analysis solution. It offers high-precision detection/identification of trunked comm signals, covering 30 MHz - 6 GHz. Advanced algorithms can accurately identify cluster signals, detect carriers, parse protocols, and demodulate.

It can monitor up to 64+ channels simultaneously, ensuring no critical signals are missed. Its intelligent, automated mode reduces manual intervention.

Featuring multi-channel guarding & demodulation, it can monitor/analyze multiple channels in real-time. Carrier energy detection pinpoints signal sources, and real-time analysis/visualization aids understanding. The user-friendly interface simplifies data handling.

With a compact, rugged design, it's suitable for various environments. It has wide operating temperature range and robust performance. It records/stores signal data for post-event analysis. Energy-efficient, it's suitable for long-term/remote monitoring.



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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