Equipped With Dual RTK Functions Tethered Uav Relay System

Our Product Introduction

Basic Information

- Brand Name: GS
- Model Number: SF-80X-200M20T
- Minimum Order Quantity: 1
- Price: Negotiable
- Delivery Time: 6-8
- Payment Terms: T/T
- Supply Ability: 100

Product Specification

- Folding Size Of UAV: 820mmx940mmx880mm
- Diagonal Motor Wheelbase: 1790mm
- Empty Weight: 19kg(without Tethered Battery)
- Maximum Net Load: 20kg(excluding Tethered Power Supply And Cable Weight
- Tethered Power Consumption Approx: Ground Power Supply :10kw 8.5kw Airborne End
- RTK Position Accuracy: 1cm+1ppm(horizontal)1.5cm+1ppm(vertical)
- Maximum Wind Speed: Level 6, 13.8m/s
- Other Configuration: Lighting, Shouting, Throwing, Spraying, Etc.
- Size Of Mooring Box: 500mm*480mm*460mm
- Equipment Weight: 50 + 0.5 Kg
- Cable Length: ≥220m; Cable Diameter ≤6mm; Optical Fiber Containing
- Output Power And Voltage: Adjustable 20-30kw, Voltage 800-1000vdc
- Take-up And Pay-off: The Torque Can Be Adjusted Automatically

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The tethered UAV relay platform system is composed of UAV, tethered power supply box and tethered airborne module. Among them, the tethered UAV relies on the ground tethered power supply box to continuously supply power to complete long-term flight operations, and the data carried by the UAV payload is transmitted back to the ground through optical fibers. This UAV is equipped with dual RTK function, has excellent wind resistance and excellent flight ability, can better ensure the flight safety of the UAV, so that it can perfectly complete the long-term flight relay transmission task.

The tethered relay system is mainly used for signal relay in emergency scenarios, and has established in-depth cooperation with three major operators such as China Mobile, China Unicom and China Telecom, and can flexibly carry Tel equipment, military radio and short-wave communication equipment to meet diversified communication needs. Typical application scenarios include: quickly build relay signal transmission links at disaster sites to ensure smooth rescue command and information transmission; Realize the relay expansion of communication signals in crowded places such as concerts and large-scale events to ensure the stability and efficiency of on-site communication; Quickly build relay signal networks in areas without signal coverage such as Gobi Beach and mines to fill communication gaps; And quickly build local area communication networks in complex terrain environments such as mountainous areas to achieve 360 all-round wireless monitoring. With efficient and flexible deployment capabilities, the system can quickly adapt to complex environments, providing a reliable solution for emergency communications and ensuring real-time transmission and sharing of critical information.

Company image

Our Services

1. We provide 1 Year Warranty. Buy with confidence.
2. If you are not satisfied when you receive your item, please return it within 14 days for a replacement or money back. Please contact me before you return it.
3. If item is defective in 3 months, We will send you a replacement without extra charger, or offer refund after we receive the defective item.
4. If item is defective after 3 months, you can still send it back to us. We will send you a new one after receiving the defective item. But you have to pay the extra shipping fee.

FAQ

Q1: Do you support OEM/ODM?
A1: Yes. We can print your logo on the product.
Q2: About samples.
A2: Under normal circumstances, samples will be ready within 7 days, and 10-20 days for OEM/ODM orders. Sample fee and shipping will be charged.
Q3: What is the delivery time?
A3: For regular orders, we can ship within 15 days, for OEM/ODM, we can ship within 25-45 days (depending on the quantity). In the event of delays, we will notify you in advance of the status and resolution.
Q4: What is the minimum order quantity?
A4: There is no MOQ for wholesale (1 piece accepted), including OEM/ODM.
Q5: What are your payment terms?
A5: L/C.TT100%.
Q6: Can you reduce the shipping cost?
A6: When calculating the shipping cost for you, we always choose the cheapest and safest express. Although we have partnerships with shipping companies, we can't keep costs down because it's not us who get paid. If you think it's expensive for you. You can always make your own choice.
Q7: Return policy.
A7: If you want to replace the received item, you must contact us within 7 days after receiving the item. Returned items should be in their original condition and you should pay for additional shipping.