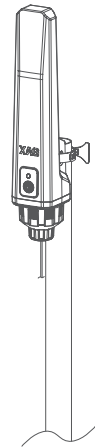


XAG FDS Docking Station

User Manual

Version 1.0 



To User

Dear user, thank you for choosing XAG's products.

For safety purposes and better user experience, it is highly recommended that you read this manual carefully and strictly follow the instructions hereof.

Contact Us

Manufacturer: Guangzhou Xaircraft Technology Co., Ltd.

Add: XSpace, No.115, Gaopu Road, Guangzhou, Guangdong Province, China

Technical Support Team: support@xa.com



Download User Manual

Scan the QR code below to read/download the full electronic version of the User Manual, which includes details on the introduction, main components, installation, usage instructions, maintenance, and disclaimers of the XAG FDS Docking Station. Please read it carefully before use.



Note

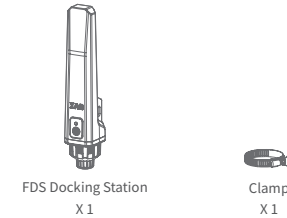
The User Manual will be updated on a regular basis in electronic form. You can scan the QR code to read or download the latest version.

Introduction

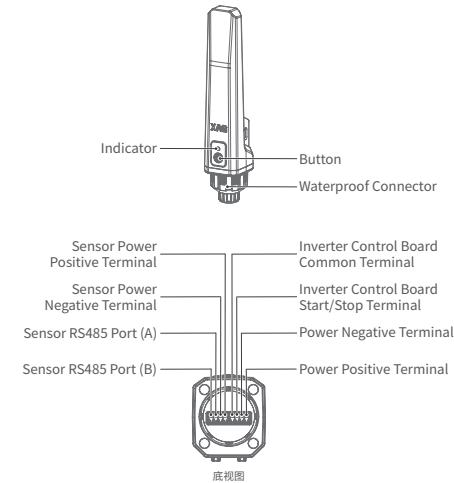
XAG FDS Docking Station (hereinafter referred to as the "docking station") is a remote control device designed for XAG Smart Farm series products. By connecting the irrigation devices to the docking station, users can remotely start, stop, and manage them via the XAG Farm App.

List of Items

Please see that all of the following items are present when unpacking the box. Should there be any item missing, please contact your seller immediately.



Main Components



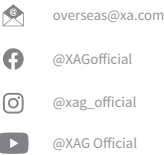
How to Use

For detailed installation steps and precautions, please scan the QR code to download the electronic document of the XAG FDS Docking Station User Manual.

Specifications

Model	13TZW-1/1A
Dimensions	357 × 104 × 123 mm
Weight	0.38 kg
Input Voltage	7-48V
Output Voltage	7-48V (Subject to the input voltage)
Communication Interface	RS485 Interface
Wi-Fi Antenna	Built-in 2.4G Omnidirectional Antenna
Wi-Fi Protocol	802.11 b/g/n
Wi-Fi Communication Range	≤ 300m ^[1]
Bluetooth Protocol	Bluetooth LE V5.0
Bluetooth Communication Range	10m
Protection Rating	IP65
Operating Temperature	-10°C ~ 65°C

[1]: The communication range of 300 meters was measured at a local server height of 4 meters and a docking station height of ≥ 0.6 meters, for reference only.



FCC Compliance Notice

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

"FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons."

EU Compliance Statement:Guangzhou Xaircraft Technology CO.,LTD.All Rights Reserved.hereby declares that this device is in compliance with the essential requirements and other relevant provisions of the RED Directive. This equipment must be installed and operated in accordance with provide instructions and the antenna used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operation in conjunction with any other antenna or transmitter.End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.



Warning: Operation of this equipment in a residential environment could cause radio interference.

"Hereby, *[Guangzhou Xaircraft Technology CO.,LTD.]*, declares that this *[FDS Docking Station]* is in compliance with the essential requirements and other relevant provisions of 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

www.xa.com/en/service/downloads"

Suppliers Name(EU): NIK ELECTRONICS LTD

Suppliers Address (EU) : Sofia, 11B Brussels Blvd., fl.13

Suppliers phone number and / or internet contact information: 00359899952228

KCC Warning Message

이 기기는 업무용 환경에서 사용 목적으로 적합성 평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파 간섭의 우려가 있습니다 .

FCC Supplier's Declaration of Conformity

Brand name / model number: 13IFC-5A

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Suppliers Name(FCC): Pegasus Spray Inc

Suppliers Address (FCC): 18571 State Hwy 6 Lewistown, MO 63452, United State

Suppliers phone number and / or internet contact information: +1 (503) 866-1228

NCC statement

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to a approved low power radio-frequency devices. The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved. The said legal communications means radio communications is operated in compliance with the Telecommunications Management Act. The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.

減少電磁波影響，請妥適使用。

電波功率密度 MPE 標準值：0.9mW/cm²，送測產品實測值： 0.088 mW/cm²，建議使用時設備天線至少距離人體 20 公分。
警告使用者：此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻騷動，在此種情況下，使用者會被要求採取某些適當的對策。

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用，前述合法通信，指依電信管理法規定作業之無線電通信低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Product Certification

Executive Standard: Q/JF 059-2024

The Product is Qualified According to the Delivery Inspection

Inspection Stamp

Product Name:

XAG FDS Docking Station

Product Model:

13TZW-1/1A

Manufacturing No.:

Manufacturer:

Guangzhou Xaircraft Technology Co., Ltd.

Commissioned Manufacturer:

Dongguan Xaircraft UAS Technology Co., Ltd.

EX-Factory Date:

Inspector:

- This certificates must accompany with the product and should be kept properly.
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