SNAPTAIN SUPPORT

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SNAPTAIN

P30

249g

FOLDABLE GPS DRONE

14+

USER MANUAL

Please read this manual carefully before flying and keep it for future use.

- For your safety, please follow the rules and safety guidelines whether you're a beginner or an expert at flying drones.
- According to the relevant laws and regulations in US, all drones must be registered, except those that weigh 0.55 pounds or less (less than 250 grams) and are flown exclusively under the Exception for Recreational Flyers. Please log in to the website of https://faadronezone-access.faa.gov/#/ to complete the registration. The maximum take-off weight will be more than 249g if the drone is used with the Intelligent Flight Battery. Make sure to observe local laws and regulations about the take-off weight. If the buyer does not register timely, SNAPTAIN will not be responsible for any losses, penalties and injuries caused by illegal flights.
- To meet the electromagnetic requirements of aviation on the radio station, it is forbidden to fly drones within 6.21 miles (10km) on both sides of the runway centerline, or within 12.43 miles (20km) of both ends of the runway. It is also prohibited to fly a drone on the route of an airline. In the area that is prohibited by the relevant authority or department of your country, stop using all flying models and unmanned quadcopters.
- Please download the B4UFLY App from Google Play or App Store, which provides real-time information about airspace restrictions and other flying requirements based on your GPS location.

ENGLISH

AIM HIGH FLY HIGH

Thank you for choosing our product and putting your trust in us. Contact us via email at **support@snaptain.com** if you have questions or concerns about the product.

We hope our products will make flying a wholesome new experience for you!

Please read the manual carefully for the best use of this product.

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IMPORTANT SAFETY PRECAUTIONS

This drone can pose a danger when in use. When flying, make sure that you keep it away from other people. Incorrect installation, poor conditions, or unfamiliar users may damage the drone, cause injury, or lead to an unexpected accident. Make sure that you pay close attention to flying safety, and learn how to identify more dangerous conditions that may cause an accident due to your negligence.

1. Avoid crowds and structures
2. Avoid moist environments
3. Only use the included parts for intended use
4. Avoid controlling the drone alone
5. Fly safely
6. Stay away from the rotating parts
7. Keep it away from heat sources

[illegible]

FLY SAFELY

FPV transmission requirements:

*Make sure to fly the drone in an open area without any interference or obstacles.

*Do not fly against the wind.

Fly in Open Areas / Strong GPS Signal / Maintain Line of Sight / Maximum flight altitude height is about 400ft (120m)

Avoid flying over or near obstacles, crowds, high-voltage power lines, trees, airports, or water areas. DO NOT fly near strong electromagnetic sources such as power lines and base stations as they may affect the onboard compass.

DO NOT use the drone in adverse weather conditions such as rain, snow, fog, and wind speeds exceeding 5 m/s or 12 mph.

Stay away from the rotating propellers and motors. / No Fly Zone

For your safety and that of those people around you, it's important to understand basic flight guidelines. Before flying, make sure you read the safety precautions.

WHAT'S INCLUDED

- Drone x1
- Remote x1
- Battery x1
- USB Charging Cable x1
- Screwdriver x1
- Spare Propellers 4x4 Box
- Control Stick Part x2 Pairs (One Pair in the Remote and Another in the Box)
- Screws
- Carrying Bag
- User Manual x1
- Quick Guide x1

DRONE

1. Know Your Drone

① Camera ② Propeller ③ Motor ④ Front LED Indicator ⑤ Battery ⑥ Camera Cover ⑦ Memory Card Slot ⑧ Optical Flow Sensor ⑨ Rear LED Indicator ⑩ On/Off Button

*Please insert a memory card (not included) into the drone. This drone accepts a card with capacity up to 128GB. FAT32 or exFAT format is required.

2. Replace the Propeller (Optional)

The marks on the propellers (A/B) should match the marks on the drone arms when you replace the propellers.

A propellers: Starting with letter A, like A1, A2, etc.

B propellers: Starting with letter B, like B1, B2, etc.

3. Drone's Battery

① Battery Power Indicators ② Type-C Charging Port ③ On/Off Button

Low ← Battery Power → Full

- Press and hold the **On/Off Button** for 3 seconds to power on the battery and the drone; press and hold the button again for 3 seconds to power off.
- When the battery power is low, please fly the drone back and charge the battery immediately.

REMOTE

1. Function Overview of the Remote

Please take out the control stick parts from the bottom of the remote and install them on the remote first.

① Emergency Stop ② Left Control Stick ③ Speed Switch (Short press) / ATTI Mode (Long press) ④ Take Photo ⑤ Power Button (Press once to check the battery power of the remote; press once, then press and hold for 3s to power on/off the remote) ⑥ Right Control Stick ⑦ Return-to-Home ⑧ Record Video ⑨ LED Display ⑩ Zoom In/Out ⑪ Phone Holder ⑫ Camera Up/Down ⑬ Charging Port

① Battery Power of the Remote ② GPS Signal Strength ③ Remote Signal Strength ④ Photo/Video Status ⑤ Speed ⑥ Status Display ⑦ Flight Distance ⑧ Flight Height ⑨ Flight Speed ⑩ Ascend/Descend Speed ⑪ Battery Power of the Drone

2. Operation of the Remote

Left Control Stick / Right Control Stick

3. Right and Left Hand Modes Switching

Switching remote modes is only possible while the remote is off. To switch to **Right Hand Mode**, long press the **Photo** button on the remote and do not release it. Next, press the **Power Button** once, then press and hold it for 3s until you hear three beeps. After that, the LED display will show "R HAND MODE".

Right Hand Mode

- To switch to the **Left Hand Mode**, just restart the remote.
- The drone is set to the **Left Hand Mode** by default.

CHARGE

1. Charge the Battery for Drone

To charge the drone's battery, please connect one end of the USB charging cable to an adapter and the other end to the Type-C charging port of the battery. After a full charge, please install the battery into the drone.

Adapter (Not Included) 5V ⎓ 2A / Charging Time: About 180 Minutes

- The battery can be charged while in or out of the drone. It is recommended that you charge the drone's battery when it is off.
- Charging: Battery Power indicators are flashing blue. Fully Charged: Four indicators become solid blue.
- It takes about 180 minutes to reach a full charge. The flight time of the drone is about 20 minutes.
- To remove the battery, please press the buckle on the battery and take it out from the drone.

2. Charge the Remote

To charge the remote, please connect one end of the USB charging cable to an adapter and the other end to the Type-C charging port of the remote.

Adapter (Not Included) 5V ⎓ 2A

Charging	Display CHARGING on the LED display
Fully Charged	Display FULL BAT on the LED display

The battery capacity of the remote is 3.7V/300mAh. It takes about 30 minutes to reach a full charge. The service life of a single charge can last about 90 minutes.

Charging precautions:

- Avoid charging the battery or remote near high temperatures or heat, such as an open flame or an electric heater, as this could result in damage or explosion.
- Never hit or knock the battery against a rough surface.
- When charging the remote or battery, do not leave them unattended.
- Please do not immerse the battery in water. Store the battery in a dry place.
- Never disassemble the battery.

FLIGHT OPERATION

In order to avoid unnecessary loss or damage, it is recommended that you fly the drone outdoors.

Step 1: Power on the drone and place it on a level surface

Step 2: Automatically pair the drone with the remote

Step 3: Mobile Device Installation and App launching

Note: Remove PHONE CASE before mounting to prevent your phone from dropping off.

- Enable the WLAN of your mobile device, then connect your mobile device to the Wi-Fi of **SNAPTAIN-P30-******** and launch the **SNAPTAIN Fly App**.

SNAPTAIN-P30-******

Please refer to page 18 for instructions on how to download and install the App.

Step 4: Compass calibration

Horizontal compass calibration / Vertical compass calibration

Step 5: GPS satellite search

Step 6: Reset the drone/level calibration

Step 7: Unlock the motors

Note: The drone can unlock its motors only after it searches enough GPS satellites.

Step 8: Take off

Step 9: Land

ATTI Mode

Optical Flow Positioning

Emergency Stop

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SNAPTAIN FLY APP INTRODUCTION

1. Download and Install

Download and install **Snaptain Fly** on your mobile device from App Store™/ Google Play™ or by scanning the QR code below.

For Android 8.0 and later / For iOS 10.0 and later

Step 1: Go to the Wi-Fi settings of your mobile device and connect to the drone's Wi-Fi SNAPTAIN-P30-******. Make sure the drone is turned on.

Step 2: Open **Snaptain Fly** and follow the in-app instructions to enter the main interface.

2. Smart Shooting Modes of the App

Fan Fly / Rocket Fly / Helix Fly / Portrait/Landscape (WIT 5C) / Time-lapse Video / Panoramic Shooting

3. Find My Drone via the App (Only Available in GPS Mode)

4. Share Videos/Photos on Social Media

5. Download Videos/Photos into Your Mobile Device

SMART OPEARTION FUNCTIONS OF THE APP

1. Waypoints (Route rules)

2. Point of Interest (Interest point)

3. GPS Follow Me (GPS follow)

4. Mark and Track (Image follow)

5. Return-to-Home (RTH)

Smart RTH / Low Battery RTH / Failsafe RTH

6. Gestures for Photo/Video (Ges photo/Ges record)

[illegible]

PHOTO AND VIDEO

Check videos and photos

LED INDICATORS DESCRIPTION

Drone Status	Front LED Indicator	Rear LED Indicator
Paired with Remote	Flash Blue Slowly	Flash Blue Slowly
Low Battery	Flash Quickly	Flash Red Quickly
Horizontal Compass Calibration	Flash Quickly	Flash Quickly to Solid on
Vertical Compass Calibration	Flash Quickly to Slowly	Flash Quickly to Flash Slowly
Reset	Flash Quickly to Slowly	Flash Quickly to Slowly
Satellites Searched Successfully	Solid on	Solid blue
Smart RTH	Solid on	Solid on
Failsafe RTH	Off	Flash Red Slowly
Low Battery RTH	Flash Slowly	Flash Red Slowly

SPECIFICATIONS

Motor	Brushless
Control Range	1640ft (500m) (without interference)
FPV Range	1640ft (500m) (without interference)
Maximum Relative Flight Height	400ft (120m)
Flight Time	Up to 20 Minutes
Photo Resolution	4K: 3840*2160 Pixel
Video Resolution	1280*720 Pixel in Your Mobile Device; 3840*2160 Pixel in the Memory Card
Photo Format	JPG
Video Format	MP4
Tilt Angle of the Front Camera	0°-90°
Storage	Saved in APP's Gallery and Memory Card

OTHER PARAMETERS

Drone		
Operating Temperature	32°F to 104°F (0°C to 40°C)	
Frequency Range	2400-2479MHz	
Camera		
Frequency Range	5150-5250 MHz, 5725-5850MHz	
Controllable Range	Tilt: 0°-90°	
Remote		
Frequency Range	2400-2479MHz	
USB Cable		
	For Drone Battery	For Remote
Input	5V ⎓ 2A	5V ⎓ 2A
Output	2 x 3.8V/1.2A	5V/1A
Rated Power	7.6W-10W	5.7W

TROUBLESHOOTING

1. The drone can't be powered on or the LED indicators do not light up.
2. The drone can't take off under the control of the remote.
3. When the App is launched, the live preview is not displayed.
4. The images cannot be saved to the memory card or your mobile device.
5. The image transmission is jammed or easily disconnected.
6. The drone doesn't hover stably.
7. The remote or the battery of drone can't be charged.
8. The image is not clear enough.

[illegible]

FCC Caution:

[illegible]

ISEDC Warning:

[illegible]

- Para su seguridad, por favor, siga las reglas y directrices de seguridad tanto si es un principiante o un experto en volar drones.
- [illegible]

ESPAÑOL

AIM HIGH FLY HIGH

Gracias por elegir nuestro producto y depositar su confianza en nosotros. Póngase en contacto con nosotros por correo electrónico en **support@snaptain.com** si tiene preguntas o dudas sobre el producto.

¡Esperamos que nuestros productos hagan que volar sea una experiencia totalmente nueva para usted!

Por favor, lea atentamente el manual para el mejor uso de este producto.

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PRECAUCIONES DE SEGURIDAD IMPORTANTES

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VUELO CON SEGURIDAD

QUÉ ESTÁ INCLUIDO

Dron x1 / Mando a Distancia x1 / Batería x1 / Cable de Carga USB x1 / Destornillador x1 / Hélices de Repuesto 4x4 Box / Pieza del Mando x 2 Pares / Tornillos / Bolsa de Transporte / Manual de usuario x1 / Guía Rápida x1

DRON

1. Conozca su Dron

2. Sustitución de la hélice (Opcional)

3. Batería del Dron

MANDO A DISTANCIA

1. Resumen de Funciones del Mando a Distancia

2. Funcionamiento del Mando a Distancia

3. Alternancia de los Modos Derecha e Izquierda

CARGA

1. Cargar la Batería del Dron

2. Cargar el Mando a Distancia

Cargando	Muestra CHARGING en la pantalla LED
Completamente Cargado	Muestra FULL BAT en la pantalla LED

Precauciones de Carga:

FUNCIONAMIENTO DEL VUELO

[illegible]

INTRODUCCIÓN A SNAPTAIN FLY APP

1. Descargar e Instalar

2. Modos de Disparo Inteligentes de la App

3. Buscar mi dron a través de la Aplicación (solo disponible en modo GPS)

4. Compartir Vídeos/Fotos en las Redes Sociales

5. Descarga de Vídeos/Fotos en su Dispositivo Móvil

FUNCIONES INTELIGENTES DE LA APLICACIÓN

1. Puntos de Ruta (Ruta reglas)

2. Punto de Interés

3. Seguimiento por GPS (Seguimiento GPS)

4. Marcar y Seguir (Imagen seguir)

5. Vuelta a Casa (RTH)

6. Gestos para Foto/Vídeo (Ges foto/Ges grabación)

FOTO Y VIDEO

DESCRIPCIÓN DE LOS INDICADORES LED

Estado del Dron	Indicador LED Frontal	Indicador LED Trasero
Emparejado con el Mando	Flash Azul Lento	Flash Azul Lento
Batería Baja	Parpadeo Rápido	Parpadeo Rápido Rojo
Brújula Horizontal Calibración	Parpadea Rápidamente	Parpadea Rápidamente a Fijo
Brújula Vertical Calibración	Parpadeo Rápido a Lento	Fijo encendido a Parpadeo Lento
Reset	Flash Rápido a Lento	Flash Rápido a Lento
Satélites Buscados Con Éxito	Fijo	Fijo Azul
RTH Inteligente	Encendido fijo	Encendido fijo
RTH a Prueba de Fallos	Apagado	Parpadeo Rojo Lento
RTH Batería baja	Parpadea lentamente	Parpadea rápidamente en rojo

ESPECIFICACIONES

Motor	Brushless
Alcance de Control	1640ft (500m) (sin interferencias)
Alcance FPV	1640ft (500m) (sin interferencias)
Altura Máxima Relativa de Vuelo	400ft (120m)
Tiempo de Vuelo	Hasta 20 Minutos
Resolución de Foto	4K: 3840*2160 Pixel
Resolución de Vídeo	1280*720 Pixel en tu Dispositivo Móvil; 3840*2160 Pixel en la tarjeta de memoria Tarjeta
Formato de Foto	JPG
Formato de Vídeo	MP4
Ángulo de Inclinación de la Cámara Frontal	0°-90°
Almacenamiento	Guardar en la galería de la aplicación y Tarjeta de Memoria

PARÁMETROS ADICIONALES

Dron		
Temperatura de Funcionamiento	32°F to 104°F (0°C to 40°C)	
Rango de Frecuencia	2400-2479MHz	
Cámara		
Rango de Frecuencia	5150-5250 MHz, 5725-5850MHz	
Rango Controlable Inclinación	Tilt: 0°-90°	
Mando a Distancia		
Rango de Frecuencia	2400-2479MHz	
Cable USB		
	Para Batería del Dron	Para el Mando
Entrada	5V ⎓ 2A	5V ⎓ 2A
Salida	2 x 3.8V/1.2A	5V/1A
Potencia nominal	7.6W-10W	5.7W

RESOLUCIÓN DE PROBLEMAS

1. El dron no se enciende o los indicadores LED no se iluminan.
2. El dron no puede despegar bajo el control del mando a distancia.
3. Cuando se inicia la aplicación, no se muestra la vista previa en directo.
4. Las imágenes no se pueden guardar en la tarjeta de memoria o en su móvil.
5. La transmisión de imágenes se atasca o se desconecta fácilmente.
6. El dron no se mantiene estable.
7. El mando a distancia o la batería del dron no se pueden cargar.
8. La imagen no es lo suficientemente clara.

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