

XbotGo FCNG01

XbotGo Falcon 4K AI Auto-Tracking Sports Camera User Manual

Model: FCNG01

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1. INTRODUCTION

Thank you for choosing the XbotGo Falcon 4K AI Auto-Tracking Sports Camera. This device is designed to capture high-quality 4K video of team sports like soccer and basketball with advanced AI auto-tracking capabilities. It offers hands-free operation, live streaming, and automatic highlight generation, making it an ideal tool for athletes, coaches, and sports enthusiasts.

This manual provides essential information for the safe and efficient use of your Falcon camera. Please read it thoroughly before use and keep it for future reference.

2. SETUP

2.1 Unboxing and Components

Carefully unpack your XbotGo Falcon camera and ensure all components are present. The package typically includes:

- Falcon Camera x 1
- Carrying Case x 1
- Quick Release Plate x 1
- Lens Cloth x 1
- Charging Cable (USB-Type C) x 1

製品内容

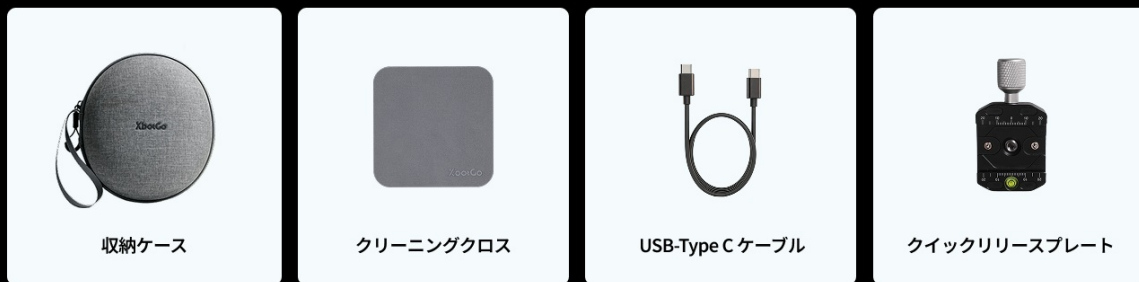


Figure 2.1: Included Product Contents

2.2 Inserting a microSD Card

A microSD card (sold separately) is required for recording. Insert the microSD card into the designated slot on the camera before powering on.



Figure 2.2: microSD Card Insertion

Note: A microSD card is essential for recording and is not included with the product.

2.3 Initial Setup Steps

The Falcon camera is designed for quick and easy setup, typically completed in three steps:

1. **Mount the Falcon:** Attach the Falcon camera to a tripod (not included) and power it on.
2. **Adjust Height & Start Recording:** Extend the tripod to the desired height. Connect to the XbotGo app on your smartphone and select the appropriate sports mode to begin recording.
3. **Enjoy the Game:** Once set up, the AI auto-tracking will handle the filming, allowing you to focus on coaching or enjoying the game.

セットアップステップ



Figure 2.3: Quick Setup Steps

3. OPERATION

3.1 Dual AI Camera System and 4K Recording

The Falcon features a sophisticated dual AI camera system. One lens is dedicated to AI tracking, while the other records high-definition 4K video. This ensures smooth motion capture and clear, vivid footage even during intense action.

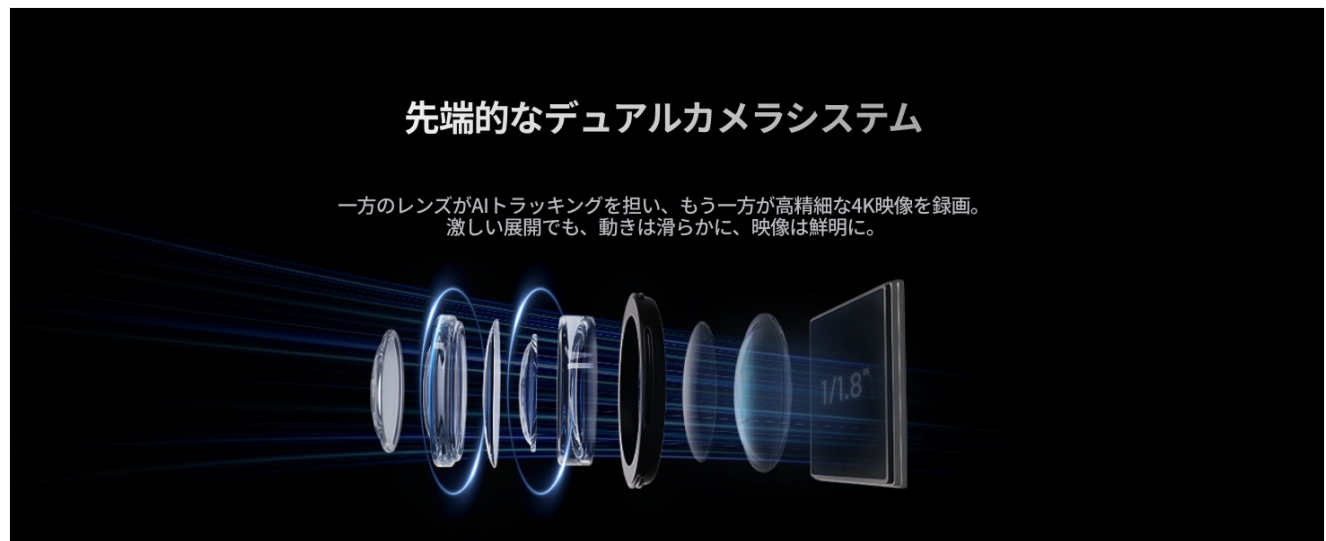


Figure 3.1: Advanced Dual Camera System

The camera records in native 4K resolution at 30 frames per second (fps), capturing fine details and ensuring smooth playback for review and analysis.



Figure 3.2: Vivid 4K Video Footage

3.2 AI Auto-Tracking and Smart Zoom

Equipped with a 6-TOPS AI chipset, the Falcon provides precise player tracking, scene detection, and automatic angle adjustment. It intelligently zooms to keep the action centered, ensuring clear and easy-to-follow footage.



Figure 3.3: High-Precision Tracking



Figure 3.4: Smart Zoom for Accurate Framing

3.3 Hands-Free Recording and Match Analysis

The Falcon allows for hands-free recording, enabling players and coaches to fully concentrate on the game. After a match, the camera can automatically generate highlight videos, and its AI analysis features can be utilized to support performance improvement and growth.

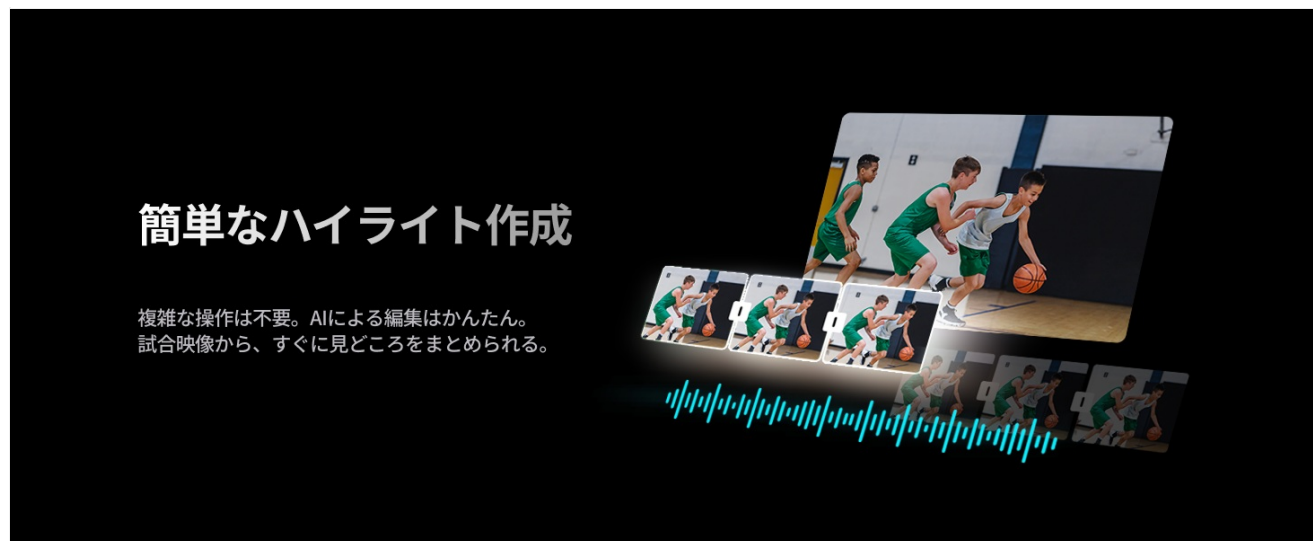


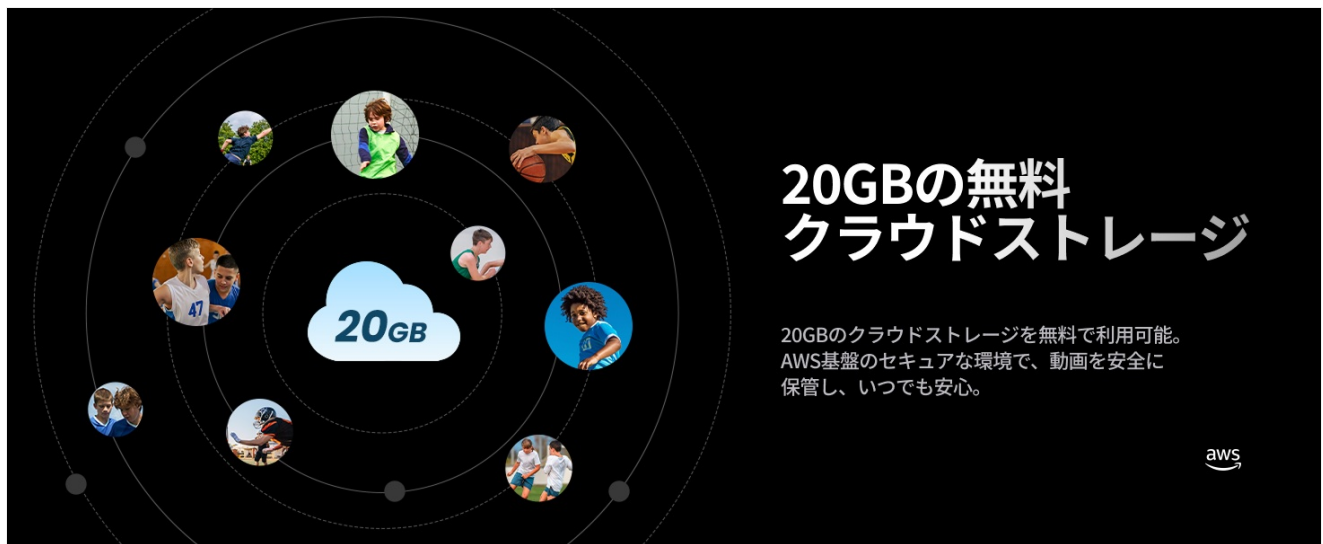
Figure 3.5: Easy Highlight Creation

3.4 Live Streaming and Cloud Storage

The Falcon supports free live streaming directly from the app to platforms like YouTube and Facebook, without any additional subscription fees. It also includes 20GB of free cloud storage, secured by AWS, for safe video archiving.



Figure 3.6: Free Live Streaming



20GBの無料クラウドストレージ

20GBのクラウドストレージを無料で利用可能。AWS基盤のセキュアな環境で、動画を安全に保管し、いつでも安心。

aws

Figure 3.7: 20GB Free Cloud Storage

3.5 Intuitive Controls and Angle Adjustment

The camera features an intuitive interface with a built-in display and preset buttons, allowing for smooth operation from settings adjustment to recording initiation. The Falcon offers 160-degree vertical tilt and 360-degree horizontal rotation for flexible angle adjustment, covering a wide range of perspectives.



直感操作

内蔵ディスプレイとプリセットボタンにより、設定確認から録画開始までスムーズに完了します。

メイン位置 プリセット 2 電源ボタン

00:00:00

4K/30fps 100% 123.3G/256G

M1 M2 M3

サブ位置 プリセット 2 プリセット 3

Figure 3.8: Intuitive Operation Panel



自在にアングル調整

160°のチルトと360°回転で、広い範囲も自在にカバー。構図も思いのままに調整できる。

160°

360°

Figure 3.9: Flexible Angle Adjustment

3.6 Supported Sports Modes

The Falcon camera supports over 10 different sports modes, allowing for optimized shooting based on the specific competition or scene.



Figure 3.10: Over 10 Sports Supported

4. MAINTENANCE

4.1 Waterproof Design

The Falcon camera features an IPX5 waterproof rating, making it durable and suitable for use in various outdoor environments. This allows you to continue filming with confidence, even in light rain or splashes.



Figure 4.1: Durable and Waterproof Design

4.2 Battery Life

The camera is equipped with a long-lasting 9600mAh battery, providing approximately 4 hours of continuous operation on a full charge. This ensures you can record entire matches or training sessions without interruption.



Figure 4.2: Long-Lasting Battery

To maximize battery life, ensure the camera is fully charged before each use. Store the camera in a cool, dry place when not in use.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your XbotGo Falcon camera. For more detailed information, please refer to the FAQ section in the XbotGo app or on the official website.

5.1 General Questions (FAQ)

Q: What are the main features of the Falcon?

A: The Falcon is a global, professional 4K sports camera system with dual AI cameras. It features AI auto-tracking, one-tap highlight generation, and supports over 10 sports modes. It also supports up to 1024GB of local storage for secure recording and offers app-based editing and live streaming functions.

Q: Why can't I live stream with the Falcon?

A: Please check if the XbotGo app has access to "Local Network" permissions. If this setting is off, live streaming may not be possible. On your smartphone, go to "Settings" > "XbotGo" > "Local Network" and turn it on, then try connecting again.

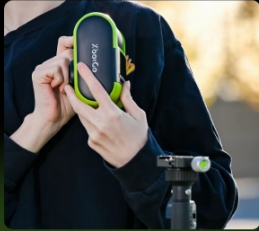
Q: What type of SD card is compatible with the Falcon?

A: The Falcon supports microSD cards with a minimum write speed of 30MB/s (U3 or V30). Please note that UHS-I and higher cards are not supported.

Q: What kind of power adapter should I use for the Falcon?

A: The Falcon supports fast charging up to 18W. Please use a PD (Power Delivery) compatible charger (5V/3A, 9V/2A, 12V/1.5A). Using a non-Apple charger with an Apple device may cause issues. For optimal performance, use a certified Apple power adapter.

FAQ



Q: Falconの主な特長は何ですか？

A: Falconは、クロップなしでフル4K撮影が可能な、世界初の本格的な4K AIスポーツカメラシステムです。自動プレーヤー追跡機能、ワンタップでのハイライト編集、さらに10種類以上のスポーツモードを搭載し、さまざまな競技シーンに対応します。最大1024GBのローカルストレージに対応し、屋外でも安心して使える防雨設計を採用。また、アプリ連携による編集機能とクラウド対応により、動画の管理や共有も簡単に行えます。

Q: Falconでライブ配信を行う際、Wi-Fiに接続できないのはなぜですか？

A: XbotGoアプリに「ローカルネットワーク」へのアクセス権限が付与されているかご確認ください。この権限がオフになっている場合、ライブ配信時にWi-Fiへ接続できないことがあります。スマホの「設定」→「XbotGo」→「ローカルネットワーク」から権限をオンにし、再度接続をお試しください。

Q: Falconはどの種類のSDカードに対応していますか？

A: FalconはmicroSDカードに対応しています。最適なパフォーマンスのため、書き込み速度が30MB/s以上（V30）のカードのご使用を推奨します。
ご注意：
FalconはUHS-I規格のmicroSDカードのみに対応しています。UHS-IIなど、それ以上の規格のカードには対応していません。

Q: Falconはどのような電源アダプターに対応していますか？

A: Falconは最大18Wの急速充電に対応しており、PD（Power Delivery）対応の電源アダプター（5V/3A、9V/2A、12V/1.5A）のご使用を推奨します。
ご注意：
一部のApple製電源アダプターは、非Apple製デバイスに使用した場合、出力が5V/1Aに制限されることがあります。そのため、充電不良や電源が入らない原因となる可能性があります。上記仕様を満たす非Apple製アダプターのご使用を推奨します。

Figure 5.1: Frequently Asked Questions

6. SPECIFICATIONS

Feature	Detail
Brand	XbotGo
Model Number	FCNG01
Photo Sensor Technology	CMOS
Video Capture Resolution	4K
Flash Memory Type	micro SD Card
Video Capture Format	MP4
Screen Size	2.01 cm
Connectivity Technology	Bluetooth, Wi-Fi
Color	Edge Green
Special Feature	AI Tracking Analysis
Optical Zoom	1.6 X
Image Sensor Technology	CMOS
Communication/Connection Interface	Bluetooth, Wi-Fi
Waterproof Type	Water Resistant (IPX5)
Image Stabilization	No
Form Factor	Handheld
Battery Average Life	4 Hours
Focus Function	Autofocus

Feature	Detail
Video Pixels	4K
Still Image Effective Resolution	4 MP
Shooting Function	Sports
Aspect Ratio	16:9
File Format	MP4
Effective Video Resolution	3840 Pixels
Optical Zoom Magnification	1.6 X
Digital Zoom	1.6 X
Motor Type	Digital
Video Camera Type	Action Camera
Included Components	Carrying Case x 1, Quick Release Plate x 1, Falcon x 1, Lens Cloth x 1, Charging Cable x 1
Country of Origin	China
Battery Included	No (Internal battery is not removable)
Manufacturer Name	Blink Tech Inc.
Unit Count	1.0 Count
Display Max Resolution	4K UHD NA
Internal Memory Type	micro SD Card
Internal Memory Capacity	1024 GB
Compatible Devices	Smartphone

7. WARRANTY & SUPPORT

The XbotGo Falcon camera comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or service inquiries, please contact XbotGo customer service through their official website or the contact information provided in the product packaging. Please have your purchase receipt and product model number (FCNG01) ready when contacting support.

For additional resources and updates, visit the official XbotGo website: [XbotGo Official Store](#)

8. PRODUCT VIDEOS

Watch this video for a visual demonstration of the XbotGo Falcon camera's capabilities.

8.1 AI Auto-Tracking Demonstration

Your browser does not support the video tag.

This video demonstrates the XbotGo Falcon camera's AI auto-tracking capabilities during a sports event, showcasing its ability to follow players and capture dynamic action.