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> FALCAM TreeRoot C141K-301 Carbon Fiber Travel Tripod Kit User Manual

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Model: C141K-301 / T00A4903

INTRODUCTION

Thank you for choosing the FALCAM TreeRoot C141K-301 Carbon Fiber Travel Tripod Kit. This manual provides essential information for the safe and effective use of your new tripod. Please read it thoroughly before operation and retain it for future reference.



Image: FALCAM TreeRoot Quick Lock Lite Tripod C141K-301, highlighting its ultra-stable, ultra-swift, and ultra-light design.

SAFETY INFORMATION

- Do not exceed the maximum load capacity of 40kg (80lbs) for the tripod and 3kg for the ball head.
- Ensure all locks are securely fastened before mounting equipment or leaving the tripod unattended.
- Avoid exposing the tripod to extreme temperatures or corrosive substances.
- Keep hands and fingers clear of moving parts when adjusting the tripod.

- Do not use the tripod as a climbing aid or for purposes other than supporting camera equipment.
- When using the spiked feet, exercise caution to prevent injury.

PACKAGE CONTENTS

Verify that all items are present in your package:

- FALCAM TreeRoot C141K-301 Carbon Fiber Tripod
- Ball Head Model 301
- Tripod Bag
- Wrench (for adjustments)



Image: The FALCAM TreeRoot C141K-301 Carbon Fiber Travel Tripod Kit with ball head attached.

PRODUCT OVERVIEW

The FALCAM TreeRoot C141K-301 is a compact and stable carbon fiber travel tripod designed for photographers. It features 4-section round tube legs, a quick-lock mechanism, and an F38 quick-release ball head.

Key Features:

- **Carbon Fiber Construction:** Ensures lightweight portability and high stability.
- **F38 Quick Release System:** Allows for rapid camera attachment and detachment.
- **1/3 Limited Lock Legs:** Enables smooth and quick leg deployment.
- **High Load Capacity:** Supports up to 40kg (80lbs).
- **Removable Center Column:** Provides flexibility for low-angle shots or monopod conversion.
- **Multi-Surface Foot Pads:** Adaptable for various terrains, with reversible spiked tips.

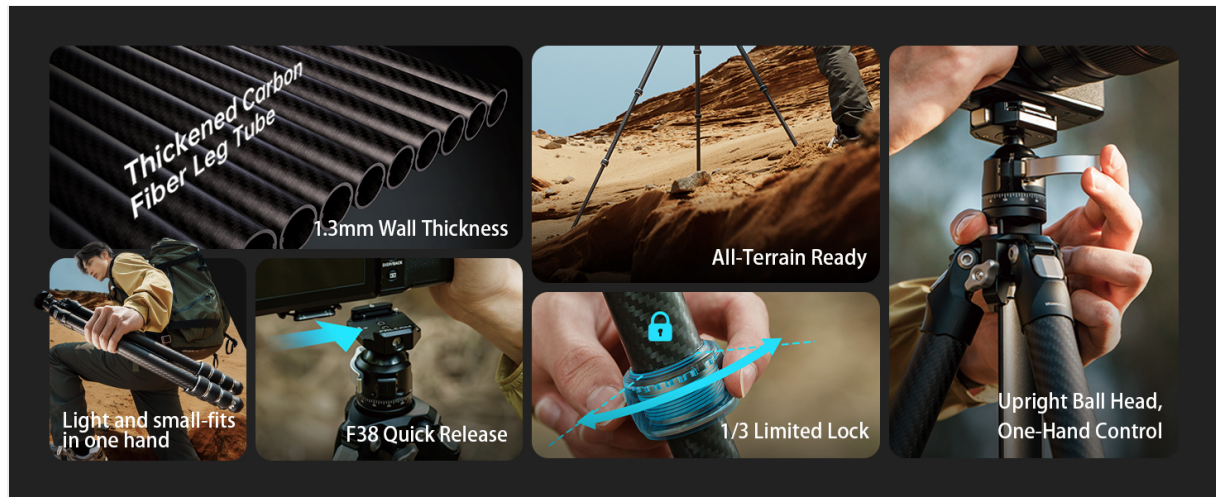


Image: Collage illustrating key features including thickened carbon fiber leg tubes, F38 Quick Release, 1/3 Limited Lock, and upright ball head control.

SETUP

1. Unfolding the Tripod Legs

1. Hold the tripod firmly and release the leg locks.
2. Extend each leg section to the desired length. The 1/3 Limited Lock system allows for quick deployment without flipping.
3. Ensure each leg section is securely locked before placing weight on the tripod.



Image: A hand demonstrating the quick release mechanism on a tripod leg for extension.

2. Adjusting Leg Angles

Each leg can be independently adjusted to different angles for stability on uneven terrain or for low-angle shooting. Press the auto-reset angle lock button at the top of each leg to change its angle.

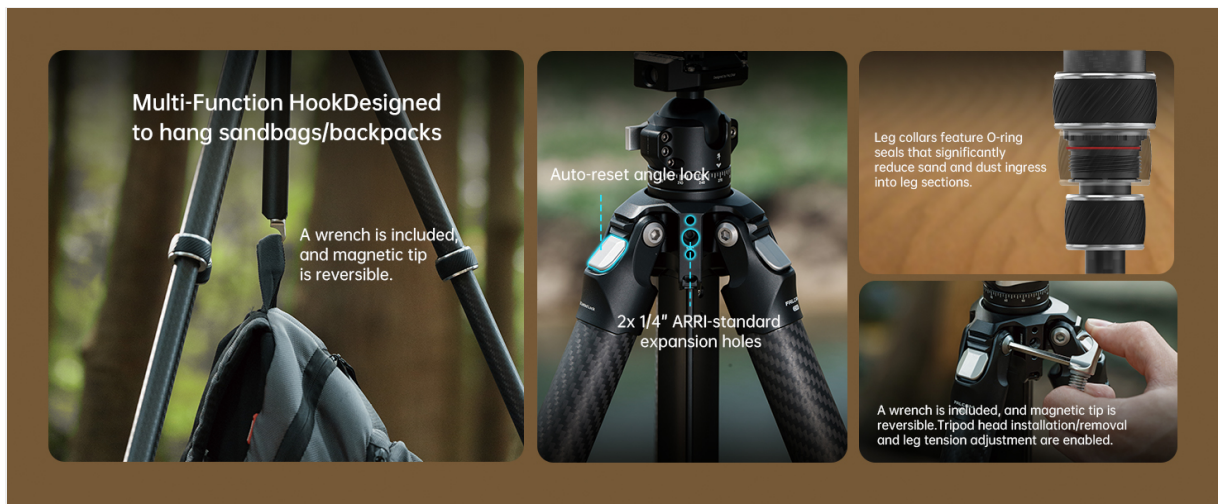


Image: Detailed view of the auto-reset angle lock button, O-ring seals on leg sections, and the multi-function hook.

3. Attaching the Ball Head

The ball head comes pre-attached. If removed, ensure it is securely screwed onto the tripod's mounting plate. The F38 Quick Release Ball Head (Model 301) provides precise control over camera positioning.



Image: Close-up of the FALCAM ball head, showing its design and locking mechanisms.

OPERATING INSTRUCTIONS

1. Mounting Your Camera (F38 Quick Release System)

1. Attach the F38 quick release plate to the bottom of your camera. Ensure it is tightened securely.
2. Align the quick release plate on your camera with the F38 receiver on the ball head.
3. Press the release button on the F38 receiver and slide the camera into place until it clicks and locks.
4. *Important:* For secure locking, align your camera lens with the ball head's directional indicator during use. The anti-mistouch design disables the release button in lock mode.



Image: Diagram showing the F38 Quick Release system, including anti-loosening washers and anti-deflection plate, and a user mounting a camera in 1 second.

2. Adjusting the Ball Head

The ball head features a trigger control for all movement. Simply unlock the trigger to adjust the ball head, pan horizontally, or switch between horizontal and vertical shooting. Precision scales are provided for accurate framing.

- **360° Ball Rotation:** Loosen the main locking knob to adjust the camera angle freely.
- **360° Panning:** Use the separate panning lock knob for smooth horizontal rotation.
- **Vertical Shooting:** Utilize the drop notch on the ball head for quick vertical orientation.

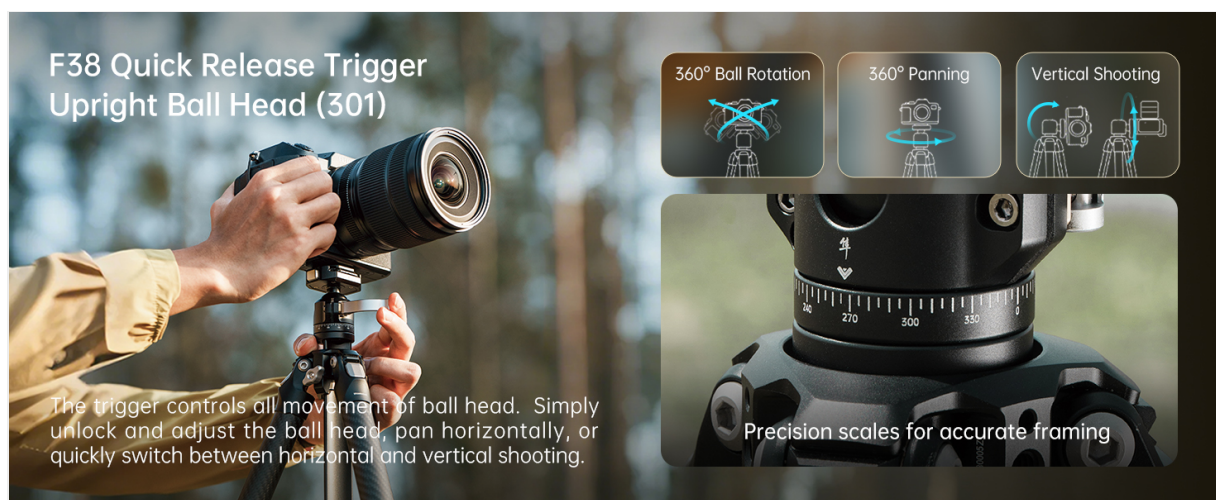


Image: Illustration of the F38 Quick Release Trigger Upright Ball Head (301) demonstrating 360° ball rotation, 360° panning, and vertical shooting capabilities, along with precision scales.

3. Using the Center Column

The center column can be extended for additional height or reversed for low-angle macro photography. It is also removable for maximum flexibility, allowing for extremely low working heights.



Image: Two photographers demonstrating the maximum working height (153cm) and minimum working height (18cm) with the removable center column.

4. Adapting to Terrain

The tripod is designed for all-terrain stability. The foot pads can be adjusted to suit various surfaces. For soft ground, sand, or ice, the multi-surface foot pads can be reversed to reveal three-pronged spikes for enhanced grip.



Image: Close-up of the tripod leg showing the spiked foot design for improved grip on soft surfaces.



Image: A photographer using the tripod on rugged terrain, with insets showing the multi-surface foot pads and the three-pronged spike design.

5. Using the Multi-Function Hook

A multi-function hook is located at the bottom of the center column. This can be used to hang sandbags or backpacks to add stability to the tripod, especially in windy conditions.

MAINTENANCE

- **Cleaning:** Wipe down the tripod with a soft, damp cloth after each use, especially if used in dusty, sandy, or wet environments. Avoid harsh chemicals.
- **Lubrication:** Periodically check leg locks and ball head mechanisms for smooth operation. Do not over-lubricate; consult FALCAM support if lubrication is needed.
- **Storage:** Store the tripod in its provided bag in a dry, cool place away from direct sunlight.
- **O-Ring Seals:** The leg sections feature O-ring seals to reduce sand and dust ingress. Regularly inspect these seals for wear and tear.
- **Wrench:** Use the included wrench for any necessary adjustments to leg tension or ball head components. The magnetic tip is reversible.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tripod legs not extending/retracting smoothly.	Dirt or debris in leg sections; leg locks too tight/loose.	Clean leg sections. Adjust leg lock tension with the included wrench.
Camera not securely locking onto ball head.	Quick release plate not properly attached to camera; F38 receiver not fully engaged.	Ensure quick release plate is tight on camera. Re-insert camera into F38 receiver until an audible click is heard and the release button is disabled. Align lens with directional indicator.
Ball head movement is stiff or loose.	Main locking knob not adjusted correctly.	Tighten or loosen the main locking knob on the ball head to achieve desired tension.
Tripod unstable.	Legs not fully extended/locked; uneven ground; overloaded.	Ensure all leg sections are fully extended and locked. Adjust leg angles for stability on uneven surfaces. Do not exceed maximum load capacity. Use the multi-function hook for added weight.

SPECIFICATIONS

Feature	Detail
Model Name	C141K-301 (Tripod), 301 (Ball Head)
Material	Aluminum Alloy + Carbon Fiber
Net Weight (Tripod)	Approx. 1.3kg (2.87 lbs)
Net Weight (Ball Head)	Approx. 0.14kg (0.31 lbs)
Leg Tube Diameter	Ø26mm, Ø22mm, Ø17.9mm, Ø13.8mm
Leg Sections	4
Folded Length	Approx. 472mm (18.6 inches)
Max Working Height	Approx. 1530mm (60.2 inches)

Feature	Detail
Min Working Height	Approx. 185mm (7.3 inches)
Leg Load Capacity	Approx. 40kg (80 lbs)
Center Column Load Capacity	10kg (extended), >20kg (retracted)
Ball Head Diameter	30mm
Ball Head Load Capacity	3kg (6.6 lbs)
Ball Head Locking Force	4 N.m
Panoramic Direction Locking Force	4 N.m
Compatible Devices	Camera
Color	Black
Water Resistance Level	Not Water Resistant

Tripod Model: C141K-301

Material: Aluminum Alloy + Carbon Fiber
 Net Weight: About 1.3kg
 Leg Tube Diameter: Ø26mm, Ø22mm, Ø17.9mm, Ø13.8mm
 Sections: 4
 Folded Length: About 472mm
 Max Working Height: About 1530mm
 Min Working Height: About 185mm
 Leg Load Capacity: About 40kg
 Center Column Load Capacity : 10kg (extended) -20kg (retracted)
 Ball Head Diameter: 30mm
 Ball Head Load Capacity: 3kg



Ball Head Model: 301

Material: Aluminum Alloy
 Dimensions:
 Maximum external dimensions approx. Ø57 × 62.8mm
 Net Weight: About 0.14kg
 Locking Performance:
 Ball head locking force: 4 N.m
 Panoramic direction locking force: 4 N.m



Image: Detailed specifications for the Tripod Model C141K-301 and Ball Head Model 301, including material, weight, dimensions, and load capacities.

WARRANTY INFORMATION

The FALCAM TreeRoot C141K-301 Carbon Fiber Travel Tripod Kit comes with a **6-Year Warranty**. This warranty covers manufacturing defects and ensures reliable performance under normal use. For specific terms and conditions, please refer to the official FALCAM warranty policy or contact customer support. *Note:* The product specifications also mention a "2 Year Manufacturer" warranty. Please refer to the 6-Year Warranty as the primary coverage for this product as stated in the product features.

CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your FALCAM TreeRoot C141K-301 tripod, please visit the official FALCAM website or contact their customer service department. You can find more information and support resources at the [FALCAM Store on Amazon](#).

