

Falcam R141K-320P

Falcam TreeRoot F38 Pro Quick Lock Travel Camera Tripod User Manual

Model: R141K-320P

Brand: Falcam

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Falcam TreeRoot F38 Pro Quick Lock Travel Camera Tripod. Please read this manual thoroughly before using the product to ensure safe and efficient operation.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x TreeRoot Quick Lock Travel Tripod
- 1x F38 Anti-slip Quick Release Plate V2
- 1x T00SP014 H4 Hex Wrench
- 1x G01SP005 Hex Wrench
- 1x 102SP013 T8 L-shaped Wrench
- 1x 102SP005 H2.5*T6 Dual-purpose Wrench
- 1x M2*5 T6 Socket Button Head Screw
- 1x Anti-deflection Tab
- 1x Anti-deflection Positioning Screw
- 1x Stainless Steel Anti-loosening Washer
- 1x Nylon Anti-loosening Washer
- 3x T00PP017 Primary Limit Sleeve
- 3x T00PP018 Secondary Limit Sleeve
- 3x T00PP019 Tertiary Limit Sleeve

- 1x Tripod Bag

KEY FEATURES

- **Reuleaux Triangle Tube Design:** Enhances portability and stability.
- **M40 High Modulus Carbon Fiber Material:** Provides superior tensile strength and bending resistance.
- **4-Section Leg Extension:** Offers a maximum height of 1552mm and a low-angle deployment of 168mm.
- **Quick Release Center Column:** Allows for tool-free removal for low-angle shooting.
- **F38 Pro Quick Release System:** Compatible with 90% of standard Arca-Swiss quick release plates, featuring anti-slip limit protection.
- **360-Degree Damping Ball Head:** Supports horizontal panoramic and vertical shooting with adjustable damping.
- **All-Terrain Trident Foot Pegs:** Provides stable support on various surfaces, with removable rubber footpads revealing spikes.
- **Abundant Expansion Interfaces:** Includes F22 quick-release interfaces, 1/4" Arri expansion threaded holes, and carry strap holes.

SETUP INSTRUCTIONS

1. Unfolding the Tripod Legs

Gently pull the tripod legs outwards until they lock into position. Each leg has multiple sections that can be extended. To extend a leg section, twist the lock counter-clockwise to loosen, pull the section to the desired length, and then twist clockwise to secure.

Original Creation

Reuleaux Triangle Tube Next-level of comprehensive performance

This design pioneers the integration of anisotropic and round tubes, enhancing both portability and overall stability. The design ensures a sleek, flush fit during storage with contours that naturally fit the hand. Notably, it offers better comprehensive stability at the bottom than comparable cylindrical tubes of the same diameter.

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M40 High Modulus Carbon Fiber Material

The tripod are crafted from M40 high modulus carbon fiber, a material that delivers an over 60% increase in Young's modulus compared to T300 when considering fibers of equal single filament diameter. This advanced composition confers superior tensile strength and bending resistance to structural components ensuring steadfast support for creative work and sharp image capture.



Image: The Falcam TreeRoot tripod in both folded and extended states, highlighting its compact Reuleaux Triangle tube design and M40 carbon fiber construction.

2. Attaching the F38 Pro Quick Release Plate

Attach the F38 Anti-slip Quick Release Plate V2 to your camera's 1/4" screw mount. Ensure it is securely tightened. To mount the camera onto the tripod's ball head, align the quick release plate with the F38 Pro receiver on the ball head and press down. The pull pin will automatically lock the plate in place. To release, press the release button and slide the plate out.

Reuleaux Triangle tube

Initiative combination of portable and stability



1/3 limited lock

Operation maintains precisely even in the dark



Abundant Expansion Interfaces

Equipped with F22 quick-release interfaces, 1/4" Arri expansion threaded hole, carry strap holes, and compatibility with Maglink quick-release buckle.



All-terrain trident foot pegs

Stable support



Abundant expansion interfaces

F22 quick-release interface
1/4" Arri expansion threaded hole
Carry strap hole

Next-level F38 Pro quick release

Fully compatible with 90% Arca-Swiss plate



Anti-slip limit protection feature

Adaptive limit column and slot design



Click damping micro-adjustment

More precise composition control



Image: Detailed view of the F38 Pro quick release mechanism, showing how the plate locks into the ball head, alongside F22 and 1/4" expansion interfaces.

3. Adjusting Foot Pegs for Terrain

The tripod comes with multi-faceted rubber footpads suitable for sensitive surfaces. For uneven or soft terrain like dirt, grass, or ice, the rubber footpads can be removed to expose the metal trident spikes for enhanced stability. Twist the rubber footpads counter-clockwise to remove them.

All-terrain Trident Foot Pegs Stable support

Multi-faceted rubber footpads provide stable support on various surfaces while protecting sensitive floorings like tiles and wood. After removing the rubber footpads, the three-pronged spikes can ensure stable footing on soft carpets or ice interfaces.



Image: The tripod's foot pegs demonstrated on different surfaces, showing the versatility of rubber pads and metal spikes for stable support.

OPERATING INSTRUCTIONS

1. Adjusting Tripod Height

To adjust the height of the tripod, loosen the leg section locks by twisting them counter-clockwise. Extend the legs to the desired height and then tighten the locks clockwise to secure. The center column can also be extended for additional height. Loosen the center column lock, extend, and then tighten.

4-section Leg Extension More stable structure

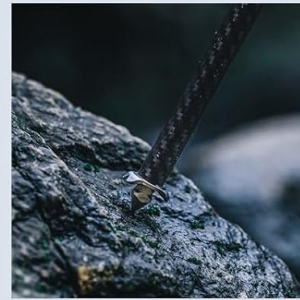


Image: Diagram illustrating the tripod's maximum height (1552mm), maximum height with center column extended (1305mm), and minimum low-angle deployment (168mm).

2. Low-Angle Shooting

For low-angle photography, the center column can be quickly removed. Locate the butterfly lock at the base of the center column. Unlock it and pull the center column downwards to detach it. This allows the tripod to achieve a minimum height of 168mm. Reinsert the center column and secure the butterfly lock when finished.

3. Using the Ball Head

The 360-degree damping ball head allows for precise camera positioning.

- **Ball Lock Knob:** Loosen this knob to adjust the camera's angle freely. Tighten to secure the camera in position.
- **Panoramic Adjustment Knob:** Loosen this knob for 360-degree horizontal panning. Tighten to lock the panoramic rotation.
- **Damping Micro-Adjustment:** The ball head features a click damping micro-adjustment for fine-tuning movement resistance.

Original creation

F38 Pro Quick Release Trigger Inverted Ball Head All-round proficiency, fortified support

FALCAM R&D team subjected the product (TreeRoot Series) to over a thousand challenging field tests and collaborated closely with experienced tripod users and FALCAM ambassadors. After extensive usage analysis of numerous ball head designs, we have created a highly refined solution tailored for photographers, with every detail deserving a close examination.



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Next-generation F38 Pro Quick Release Outstanding compatibility and adaptability

The F38 pro is compatible with 90% of standard Arca-Swiss quick release plates. Pressing down on the plate triggers the pull pin to automatically lock it in place in one step. You can even mount the camera directly when the tripod is not deployed.



Note: To ensure extreme locking during use, it is recommended to align the camera lens with the directional indicator marked on the F38 ball head when attaching the camera.

Compatible with long Arca-Swiss quick-release plates
Convenient leveling for large equipment

Recommended
Maximum Load
Capacity

Around 5KG

Maximum Torsional
Strength

Around 6N·m



Quick Release Interface Anti-slip Protection Mechanism

The quick-release ball head interface contains adaptive limit column and slot designs that are compatible with most Arca-Swiss quick-release plate limit structures, providing anti-slip protection.

Adaptive Limit
Column

Limit Slot

Click Damping Adjustment

You can feel the rotation of the mechanical gear when adjusting

Locking Control Trigger

Simply break it to a certain angle. Perceptible plate buckle automatically pops up. Anti-pinch design, comfortable and labor-saving operation.

Image: Detailed view of the F38 Pro Inverted Ball Head, highlighting the quick release trigger, adaptive limit column, click damping adjustment, and locking control trigger.

Dual Panorama Adjustment Modes

Supporting both horizontal panoramic and vertical shooting, with adjustable damping for precise control. Each locking knob provides tactile and audible cues, allowing for accurate operation of the ball head in the doom light.



TreeRoot **PORTABLE**

Compact Structure
Edgeless, comfortable grip.



Conventional

The cylindrical tube storage structure is not compact and poor grip.



TreeRoot **STABLE SUPPORT**

Balanced stress distribution on all four sides.
Enhanced rigidity and greater stability.



Conventional

The non-circular shape results in uneven stress distribution on all sides.
The rigidity is weaker than that of a cylindrical tube.



Image: Illustrations showing the ball head's capabilities for 360-degree ball head rotation, 360-degree horizontal panning, and vertical shooting.

4. Using Expansion Interfaces

The tripod is equipped with multiple expansion interfaces for attaching accessories:

- **F22 Quick Release Interfaces:** For quick attachment and detachment of compatible accessories.
- **1/4" Arri Expansion Threaded Holes:** Standard mounting points for various camera accessories.
- **Carry Strap Holes:** For attaching a carry strap (not included) for easier transport.

MAINTENANCE

- **Cleaning:** Wipe the tripod with a soft, dry cloth after each use. For stubborn dirt, use a slightly damp cloth and mild soap, then dry thoroughly. Avoid harsh chemicals.
- **Lubrication:** Periodically check leg locks and ball head mechanisms for smooth operation. If necessary, apply a small amount of silicone-based lubricant to moving parts, avoiding excessive application.
- **Storage:** Store the tripod in its provided bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect all screws, bolts, and moving parts for tightness and wear. Tighten any loose components using the provided wrenches.

Tripod Bag

Employing cationic dyeable polyester and high-density neoprene materials, it offers reinforced protection. The interior houses dual pockets, accommodating both long and short center columns and additional tools.



The handle and shoulder strap design allows for cross-body carrying and easy placement on top of luggage or backpacks.



The interior houses dual pockets, accommodating both long and short center columns and additional tools.

Image: The tripod bag, made from cationic dyeable polyester and high-density neoprene, showing its dual pockets for center columns and tools, and a handle/shoulder strap for carrying.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tripod legs not extending/retracting smoothly.	Dirt or debris in leg locks; insufficient lubrication.	Clean leg sections and locks. Apply a small amount of silicone lubricant if necessary.
Ball head movement is stiff or loose.	Ball head lock knob not properly adjusted; damping setting incorrect.	Adjust the main ball lock knob. Use the damping micro-adjustment for fine-tuning resistance.
Camera not securely attached to ball head.	Quick release plate not fully engaged; plate not tightened to camera.	Ensure the F38 quick release plate is firmly attached to the camera. Press the plate down until the pull pin audibly locks into the ball head receiver.

Problem	Possible Cause	Solution
Tripod unstable on uneven ground.	Rubber footpads used on soft terrain; legs not fully extended or locked.	Remove rubber footpads to expose metal spikes for better grip. Ensure all leg sections are fully extended and locks are tightened.

SPECIFICATIONS

Model:	R141K-320P
Material:	Carbon Fiber + Aluminum Alloy
Number of Leg Sections:	4
Maximum Height (with center column extended):	1552 mm (61 inches)
Minimum Height:	168 mm
Storage Length:	473 mm (Around 18.58 inches)
Net Weight:	1.95 kg
Recommended Maximum Static Vertical Load of Leg Tube:	50 kg
Recommended Maximum Load Capacity of Center Column:	10 kg (extended) ~ 20 kg (without extended)
Recommended Maximum Load Capacity of Ball Head:	5 kg (11 lbs)
Ball Head Diameter:	32 mm
Tripod Head Type:	Ball Head
Compatible Devices:	Camera, Lens
Special Features:	Portable, Adjustable, Quick Release Center Column, F38 Pro Quick Release, All-Terrain Foot Pegs, Expansion Interfaces

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for warranty claims.

Manufacturer: Falcam

Brand: EACHSHOT (as listed by seller)

ASIN: B0D548Z7HZ

