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**SMALLRIG 13649**

# SmallRig AP255Pro Carbon Fiber Travel Tripod Instruction Manual

## INTRODUCTION

The SmallRig AP255Pro is a compact and portable carbon fiber travel tripod designed for photographers and videographers. It features a 5-section leg design and a fluid head, offering stability and versatility for various shooting scenarios.

Key features include a bowl base for quick leveling, a 180-degree reversible center column for low-angle and macro shots, and a fluid head with a 3kg (6.6lb) maximum load capacity, supporting 360-degree rotation, 90-degree overhead shooting, and 65-degree upward shooting.

The tripod legs are compatible with various heads and stabilizers via 3/8"-16 threaded holes, supporting an 8kg (17lb) maximum payload. The tripod head accommodates mirrorless cameras, camera cages, and phones using 1/4"-20 threaded holes and the included phone clamp.

## WHAT'S IN THE BOX

Verify that all components are present upon unpacking:

- Compact Travel Tripod x 1
- Phone Holder x 1
- Carrying Bag x 1

## Package

ID 5477

Travel Tripod x 1  
Phone Holder x 1  
Carrying Bag x 1



## Specifications

### Product Dimensions

88.0 x 79.0 x 520.0mm / 3.5 x 3.1 x 20.5in

### Package Dimensions

97.0 x 97.0 x 545.0mm / 3.8 x 3.8 x 21.5in

### Product Weight

1.5kg ± 5.0g / 3.3lb ± 0.2oz

### Package Weight

1.72kg ± 5.0g / 3.8lb ± 0.2oz

### Material(s)

Aluminum Alloy, Carbon Fiber, ABS

Image: Package contents including the tripod, phone holder, and carrying bag, alongside product specifications.

## SETUP INSTRUCTIONS

### 1. Extending the Tripod Legs

Unlock the leg sections by twisting the leg locks. Extend each of the 5 leg sections to the desired length. Twist the locks in the opposite direction to secure them. Ensure all leg sections are fully locked before use.



Image: Diagram illustrating the various working heights of the tripod, from 49cm (19.3") to 160cm (63").

### 2. Adjusting the Center Column

To adjust the height of the center column, loosen the center column lock, raise or lower the column, and then tighten the lock securely. For low-angle shots, the center column can be inverted. Loosen the center column lock, remove the column, flip it upside down, and reinsert it, then secure the lock.



Image: Illustration of the 180-degree reversible center column feature, enabling ground-level macro photography.

### 3. Leveling the Tripod with the Bowl Base

The tripod features a bowl base for quick leveling. After setting up the legs, use the bowl base adjustment to fine-tune the head's level without needing to adjust each leg individually. This is particularly useful on uneven terrain.



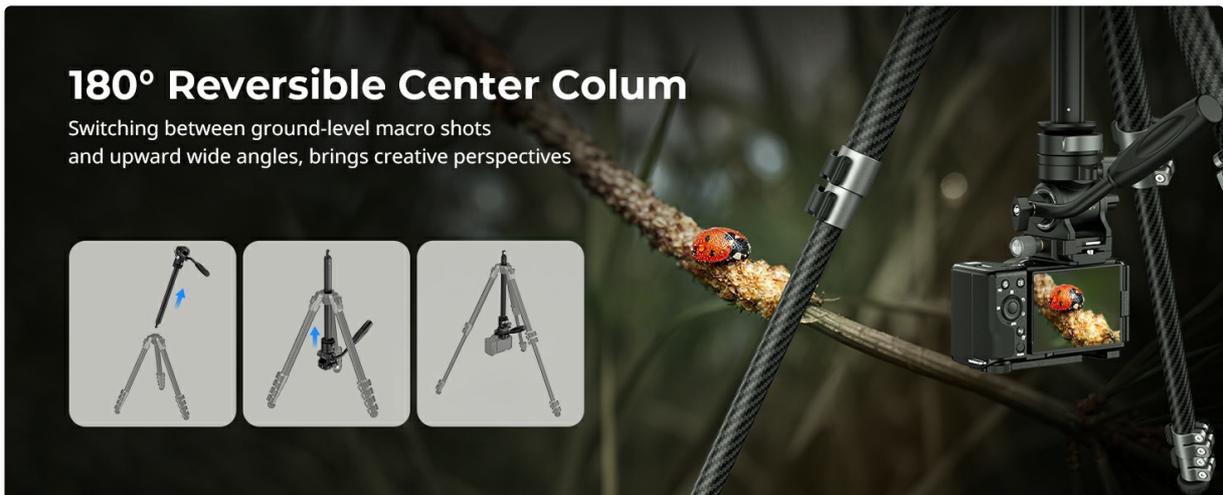
## Bowl Base for Quick Leveling

Allowing for quick leveling without adjusting the legs, ideal for outdoor landscape shooting, urban architecture shooting

Image: The bowl base mechanism, allowing for quick and easy leveling of the tripod head by up to 10 degrees in either direction.

### 4. Attaching Your Device

The fluid head includes a quick release plate. Attach this plate to your camera or camera cage using the 1/4"-20 threaded screw. For smartphones, use the provided phone holder, which also attaches to the quick release plate. Once attached, slide the quick release plate with your device into the head and secure it with the quick release plate lock.



## 180° Reversible Center Column

Switching between ground-level macro shots and upward wide angles, brings creative perspectives



Image: Diagram showing the wide compatibility of the tripod, illustrating how phones, action cameras, and mirrorless cameras can be mounted.

## OPERATING INSTRUCTIONS

### 1. Using the Fluid Head

The fluid head allows for smooth panning and tilting movements. Use the pan lock to control horizontal rotation (360 degrees) and the tilt lock to control vertical movement (90 degrees overhead, 65 degrees upward). Loosen the respective locks for movement and tighten them to secure the position.

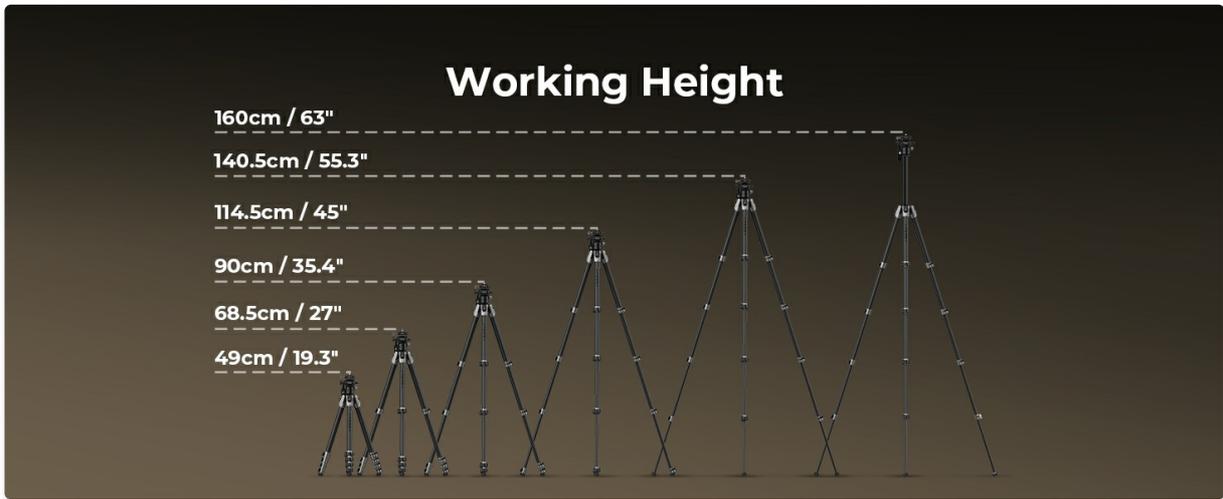


Image: Detailed view of the fluid head, highlighting the quick release plate lock, tilt lock, pan lock, 1/4"-20 screw, and demonstrating 65-degree upward and 90-degree overhead shooting angles.

## 2. Carbon Fiber Leg Design

The tripod legs are constructed from carbon fiber, providing a balance of portability and stability. The maximum leg diameter is 25.5mm (1 inch).

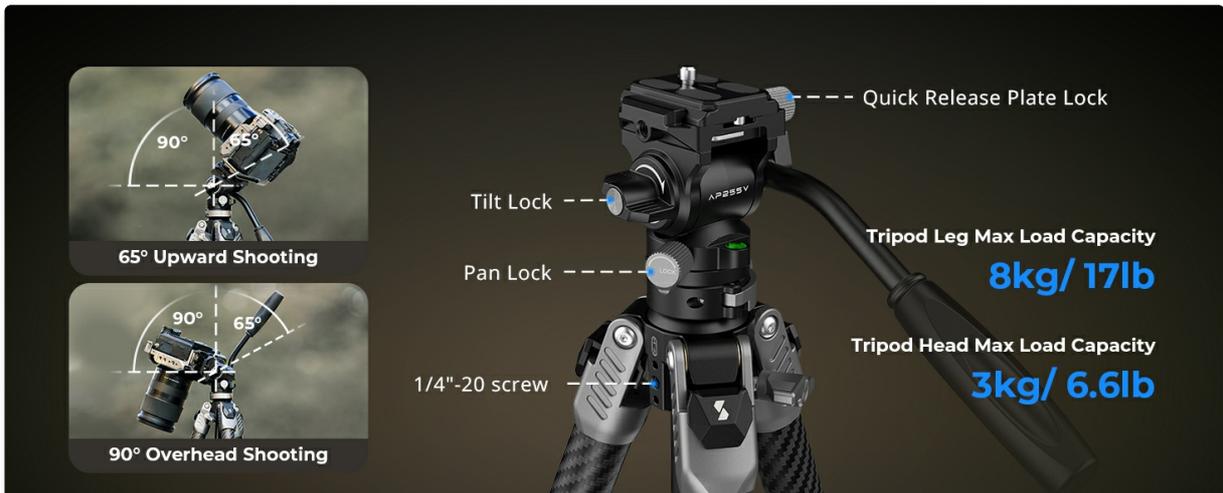


Image: Close-up view of the carbon fiber tripod leg, indicating a maximum diameter of 25.5mm (1 inch).

## 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 moving parts for smooth operation. Do not over-lubricate; use a small amount of silicone-based lubricant if necessary.
- **Storage:** Store the tripod in its carrying bag in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect all screws, bolts, and connections to ensure they are tight. Do not over-tighten.

## TROUBLESHOOTING

- **Tripod is unstable:** Ensure all leg locks are fully tightened and the center column lock is secure. Check that the tripod is placed on a flat, stable surface.

- **Leg sections are stiff:** Clean the leg sections and locks to remove any dirt or debris. A small amount of silicone lubricant can be applied to the moving parts if needed.
- **Fluid head movement is not smooth:** Ensure the pan and tilt locks are sufficiently loosened. Check for any obstructions or debris in the fluid head mechanism.
- **Camera not securely mounted:** Verify that the quick release plate is correctly attached to your camera and fully seated in the fluid head, with the quick release plate lock engaged.

## SPECIFICATIONS

Feature	Detail
Product Dimensions	3.46 x 3.15 x 20.47 inches (88.0 x 79.0 x 520.0mm)
Item Weight	3.3 pounds (1.5 Kilograms)
Item Model Number	13649
Brand	SMALLRIG
Color	Black
Material	Aluminum, Carbon Fiber, ABS
Maximum Height	160 Centimeters (63 inches)
Tripod Head Type	Pan Heads
Tripod Leg Max Load Capacity	8kg (17lb)
Tripod Head Max Load Capacity	3kg (6.6lb)
Folded Length	52cm (20.5 inches)
Leg Sections	5
Max Leg Diameter	25.5mm (1 inch)

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SmallRig website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can typically find support contact details and warranty terms on the manufacturer's product page or in the documentation included with your purchase.