

## NK AC3091-36D

# NK AC3091-36D 360° Action Camera User Manual

Model: AC3091-36D | Brand: NK

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your NK AC3091-36D 360° Action Camera. Designed for capturing immersive 360-degree videos and photos, this camera features dual lenses, Full HD 1080p video recording, a virtual reality system, and compatibility with Android and iOS devices. Please read this manual carefully to ensure proper use and optimal performance of your device.



Figure 1: NK AC3091-36D 360° Action Camera with included tripod.

## 2. GETTING STARTED

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### 2.1 Package Contents

Verify that all items are present in your package:

- NK AC3091-36D 360° Action Camera
- User Manual
- Tripod
- USB Cable (for charging and data transfer)





Figure 2: NK AC3091-36D Product Packaging (Front).

## 2.2 Charging the Battery

The camera is equipped with a 1400 mAh Lithium-ion battery. Before first use, fully charge the camera.

1. Connect the camera to a USB power source (e.g., computer, wall adapter) using the provided USB cable.
2. The charging indicator light will illuminate.
3. Once fully charged, the indicator light will change or turn off.

### 2.3 Inserting a Micro SD Card

A Micro SD card (not included) is required to store videos and photos. The camera supports Micro SD cards up to a certain capacity (check specifications for details).

1. Locate the Micro SD card slot on the camera.
2. Insert the Micro SD card with the gold contacts facing down until it clicks into place.
3. To remove, gently push the card in until it springs out.

### 2.4 Powering On/Off



Figure 3: Top view of the camera showing controls.

- **To Power On:** Press and hold the Power button ( ) located on the top of the camera until the screen illuminates.
- **To Power Off:** Press and hold the Power button ( ) until the screen turns off.

## 2.5 Installing the Mobile Application

To fully utilize the camera's features, download the "SYVR360" application on your smartphone or tablet.

- For Android devices, search for "SYVR360" on Google Play Store.
- For iOS devices, search for "SYVR360" on the Apple App Store.
- Install the application on your device.

## 2.6 Attaching the Tripod

The included tripod provides stability for capturing still 360° content.

1. Locate the tripod mount on the bottom of the camera.
2. Screw the camera onto the tripod until it is securely fastened.

# 3. OPERATION

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## 3.1 Basic Controls

The camera features several buttons for control:

- **Power Button ( ):** Powers the camera on/off.
- **Wi-Fi Button ( ):** Activates/deactivates the Wi-Fi connection for app control.
- **Shutter/Record Button (Red Circle):** Initiates/stops video recording or takes a photo.
- **Display Screen:** Shows status information such as battery level, recording mode, and Wi-Fi status.

## 3.2 Recording 360° Video

1. Ensure a Micro SD card is inserted and the battery is charged.
2. Power on the camera.
3. Press the Shutter/Record button (Red Circle) once to start recording. The recording indicator will flash.
4. Press the Shutter/Record button again to stop recording. The recording indicator will stop flashing.

## 3.3 Taking 360° Photos

1. Ensure a Micro SD card is inserted and the battery is charged.
2. Power on the camera.
3. Briefly press the Shutter/Record button (Red Circle) to take a photo. A shutter sound may indicate a successful capture.

## 3.4 Connecting to the Mobile App via Wi-Fi

The mobile app allows for remote control, live preview, and content management.

1. Power on the camera.
2. Press the Wi-Fi button ( ) on the camera to activate Wi-Fi. The Wi-Fi indicator will flash.
3. On your smartphone/tablet, go to Wi-Fi settings and connect to the camera's Wi-Fi network (usually named something like "NK\_AC3091-36D" followed by numbers). The default password might be provided on the camera or in the app.

4. Open the "SYVR360" app. The app should automatically detect and connect to the camera.

## 3.5 Viewing and Sharing Content

Content captured by the camera can be viewed and shared through the mobile app or by transferring files to a computer.

- **Via Mobile App:** Once connected, use the "SYVR360" app to browse, play back, and download your 360° videos and photos. The app supports various viewing modes, including VR mode.
- **Sharing to YouTube 360°:** The camera and app support uploading 360° content directly to platforms like YouTube that support spherical video playback. Follow the app's instructions for sharing.
- **Via Computer:** Connect the camera to your computer using the USB cable, or insert the Micro SD card directly into a card reader. The camera's files will appear as a removable drive.

## 4. MAINTENANCE

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### 4.1 Cleaning the Camera

- Use a soft, dry cloth to clean the camera body.
- For lenses, use a specialized lens cleaning cloth and solution to avoid scratches. Do not use abrasive materials.
- Avoid exposing the camera to excessive dust, dirt, or sand.

### 4.2 Battery Care

- Avoid extreme temperatures, which can reduce battery life.
- If storing the camera for an extended period, charge the battery to approximately 50% and store in a cool, dry place.
- Do not attempt to replace the internal battery yourself. Contact support if battery issues arise.

### 4.3 Storage

When not in use, store the camera in a protective case or bag to prevent damage from impacts or scratches.

## 5. TROUBLESHOOTING

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If you encounter issues with your NK AC3091-36D camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera does not power on.	Low battery; faulty battery; camera malfunction.	Charge the battery fully. If issue persists, perform a reset (see below). If still unresponsive, contact support.
Cannot connect to the SYVR360 app.	Wi-Fi not enabled on camera; incorrect Wi-Fi password; app outdated; compatibility issues.	Ensure camera Wi-Fi is on. Verify Wi-Fi password. Update the SYVR360 app to the latest version. Check app compatibility with your phone's OS. Some users have reported app connectivity issues with newer OS versions; contact NK support for potential updates or workarounds.

Problem	Possible Cause	Solution
Videos/photos are not saving.	No Micro SD card; Micro SD card full or corrupted; card not formatted correctly.	Insert a Micro SD card. Delete old files or use a new card. Format the Micro SD card in the camera settings (if available) or via a computer.
Poor video/photo quality.	Dirty lenses; low light conditions; camera settings.	Clean the camera lenses. Ensure adequate lighting. Check camera settings for resolution and exposure.

## 5.1 Resetting the Device

If the camera becomes unresponsive, a reset may resolve the issue. Locate the small reset pinhole (visible in Figure 3) and gently press it with a thin object (e.g., a paperclip) for a few seconds. This will restart the camera without deleting data.

## 6. SPECIFICATIONS

The following table details the technical specifications of the NK AC3091-36D 360° Action Camera:

Feature	Specification
Brand	NK
Model	NK-AC3091-36D
Color	Black
Product Type	Compact Action Camera
Optical Sensor Resolution	5 Megapixels
Image Stabilization	No
Special Features	Wi-Fi
Focal Length	10mm - 1mm
Aperture	f/2
Connectivity Technology	HDMI, Wi-Fi
Supported Formats	CMOS x2
Battery Composition	Lithium-ion
Video Resolution	1080p
Compatible Devices	iOS, Android, HDMI
Product Dimensions (L x W x H)	42 x 35 x 51 mm; 30 grams
Effective Still Resolution	5 Megapixels
Flash Memory Type	Micro SD

Feature	Specification
Video Capture Format	H.264
Included Components	1 camera, 1 manual, 1 tripod

## 7. SUPPORT

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For further assistance, technical support, or warranty inquiries, please contact NK customer service through their official website or the retailer where the product was purchased. Please note that software updates for this product may no longer be available, which could affect compatibility with newer operating systems.