

BMW 66215A44493

BMW Genuine Advanced Car Eye 3.0 Pro Dash Cam Complete Set User Manual

Model: 66 21 5 A44 493

INTRODUCTION

The BMW Advanced Car Eye 3.0 Pro is a high-quality dash camera system designed to record critical driving situations and parking incidents. This complete retrofit kit includes a front camera, a rear window camera, and a radar display for enhanced vehicle monitoring. This manual provides essential information for the proper installation, operation, and maintenance of your Advanced Car Eye 3.0 Pro system.

SETUP AND INSTALLATION

Installation of the BMW Advanced Car Eye 3.0 Pro requires specific electrical connections and should ideally be performed by a qualified BMW service technician to ensure correct functionality and vehicle integration. The system is designed to work with specific BMW vehicle models.

Required Components for Installation (Not included in all kits):

- Fuse holder (Part No. 61 14 9270355)
- Mini Fuse, yellow-brown (5A) (Part No. 61 13 6917401)
- MCP 2.8 Connector (0.2-0.35 mm² AG) (Part No. 61 13 9232673)
- MQS Jack (0.2-0.35 mm²/SN) (Part No. 61 13 1383776)

Component Overview Diagram



This diagram illustrates the various components included in the BMW Advanced Car Eye 3.0 Pro Dash Cam kit. Key components include the main camera unit (7), rear camera (10), connecting cables (6), power supply units (8, 9), and a microSD card (12) for storage. Different configurations (1-5) show variations in the kit contents, particularly regarding the inclusion of the rear camera.

Note: The image is for illustrative purposes only; the actual product configuration may vary. The diagram shows the main camera unit (7), rear camera (10), wiring (6), power modules (8, 9), and a microSD card (12). Component 6 refers to the wiring harness, as mentioned in the product description.

OPERATING INSTRUCTIONS

The Advanced Car Eye 3.0 Pro system is designed for intuitive operation, primarily through its integrated display and touch controls. Once professionally installed, the system automatically begins recording when the vehicle is in motion or when parking surveillance is activated.

Key Features:

- **Automatic Recording:** Records driving footage continuously.
- **Parking Surveillance:** Utilizes radar and motion detection to record incidents while parked.
- **Impact Detection:** Automatically saves footage upon detecting a collision or significant impact.
- **Radar Display:** Provides visual alerts or information related to radar detection.
- **Video Playback:** Access recorded videos directly on the device's screen or via a connected mobile application.

Refer to the dedicated mobile application manual for detailed instructions on connecting your smartphone and managing recordings.

MAINTENANCE

To ensure optimal performance and longevity of your BMW Advanced Car Eye 3.0 Pro, follow these maintenance guidelines:

- **Regular Cleaning:** Gently clean the camera lenses and display screen with a soft, dry cloth. Avoid abrasive cleaners.
- **Software Updates:** Periodically check for and install software updates to ensure the system operates with the latest features and improvements. Information on updates can typically be found through the BMW official website or the associated mobile application.
- **SD Card Management:** Format the microSD card regularly (e.g., monthly) to maintain optimal recording performance and prevent data corruption. Replace the microSD card if it shows signs of degradation or error.
- **Professional Inspection:** If you experience any issues or require hardware maintenance, consult a BMW service center.

TROUBLESHOOTING

If you encounter problems with your Advanced Car Eye 3.0 Pro, consider the following common troubleshooting steps:

- **No Power:** Check all connections and fuses. Ensure the vehicle's ignition is on if required for operation. If the issue persists, professional inspection is recommended.
- **Recording Issues:** Verify that the microSD card is correctly inserted and has sufficient free space. Try formatting the card. If the problem continues, the card may need replacement.
- **Poor Video Quality:** Ensure camera lenses are clean and free from obstructions. Check settings for video resolution.
- **System Malfunctions:** Try restarting the device (if applicable) or performing a factory reset (consult the app or a technician for this procedure).

For complex issues, please contact BMW customer support or visit an authorized service center.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	BMW
Manufacturer Part Number	66 21 5 A44 493
ASIN	B0BB8KB3FQ
Special Feature	Retrofit kit with radar display
Video Capture Resolution	1080p
Mounting Type	Adhesive Mount
Control Method	Touch
Auto Part Position	Rear (for rear camera)
Batteries Included	No
Vehicle Service Type	Car
Guaranteed Software Updates Until	Unknown

VEHICLE COMPATIBILITY

This product is compatible with a wide range of BMW models. Please verify your specific vehicle's compatibility with a BMW service center or refer to the official BMW parts catalog using the part number 66 21 5 A44 493.

Known Compatible Series and Models:

- 1' Series: F40
- 2' Series: F44 Gran Coupé, F46 Gran Tourer, F46 Gran Tourer LCI, F87 M2, F87 M2 LCI, G42, U06 Active Tourer
- 3' Series: G20, G21, G28, G80 M3
- 4' Series: G22, G23, G26 Gran Coupé, G82 M4, G83 M4
- 5' Series: F90 M5, F90 M5 LCI, G30, G30 LCI, G31, G31 LCI, G38, G38 LCI
- 6' Series: G32 GT, G32 GT LCI
- 7' Series: G11, G11 LCI, G12, G12 LCI
- 8' Series: F91 M8, F92 M8, F93 M8, G14, G15, G16 Gran Coupé
- X Series: X1 F48, X1 F48 LCI, X1 F49, X1 F49 LCI, X2 F39

WARRANTY INFORMATION

For detailed warranty terms and conditions, please refer to the documentation provided with your purchase or contact an authorized BMW dealership. BMW Genuine Parts typically come with a manufacturer's warranty against defects in materials and workmanship.

CUSTOMER SUPPORT

If you require assistance with installation, operation, or troubleshooting that is not covered in this manual, please contact your local authorized BMW service center or BMW customer support. Provide your product model number (66 21 5 A44 493) and vehicle identification number (VIN) when seeking support.

You can find contact information for BMW customer support and service centers on the official BMW website for your region.