

TOURING ITEMS
TYPES

App View Backup Camera

WP ITM. BT56484 / BT56884F
Care & Use Instructions



**Important, retain for future reference:
Read carefully**

TABLE OF CONTENTS

1. Introduction	1
2. Package Contents	2
3. Product Specifications	3
4. Installation Guide	3
5. App Installation	6
6. Using the App	7
7. Safety Information	8
8. Maintenance & Warranty	10
9. General Information	15

1. INTRODUCTION

Please read all of the installation instructions carefully before installing the product. Improper installation will void manufacturer's warranty. The installation instructions do not apply to all types of vehicles, and are written as guidelines to assist in installing the system.

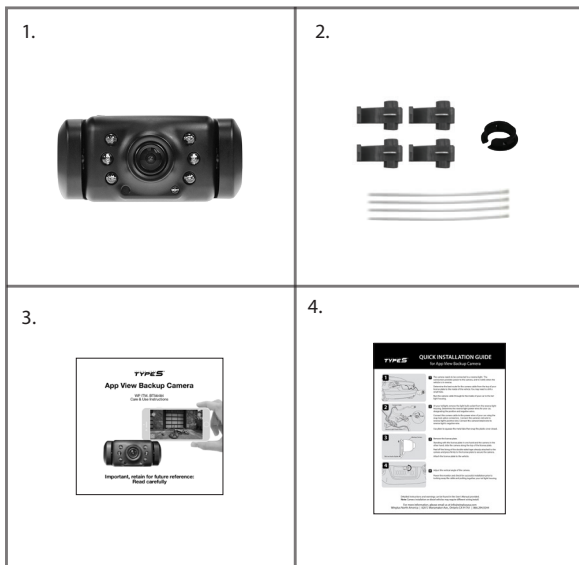
Consult an experienced technician if you are not comfortable installing the product. You can also contact Winplus at **866.294.9244** to speak to one of our installation specialists if you have any specific questions regarding the App View Backup Camera.

BEFORE using the App View Backup Camera, please read the safety information provided in this user manual. ALWAYS use the product as outlined in this user manual.

Please make sure to read and understand all local laws and regulations regarding cameras and their use in a vehicle. Laws vary by state.

2. PACKAGE CONTENTS

1. App View Backup Camera
2. Wiring Installation Kit
3. Instruction Manual
4. Quick Install Guide

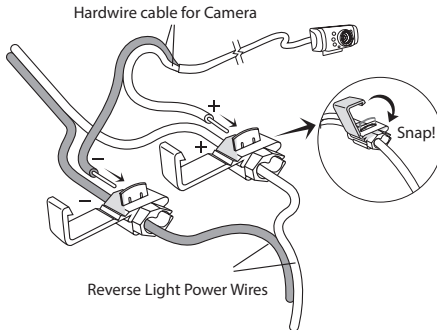


3. PRODUCT SPECIFICATIONS

1. Frequency: 2.4GHz
2. Operating Voltage: DC 12V / 24V
3. Operating Temperature: 14°F~122°F (-10°C~+50°C)
4. Maximum Signal Range: 30 feet / 10 meters (without interference or obstruction)
5. Weather Resistance: IP67 rating (camera only)

4. INSTALLATION GUIDE

APP VIEW BACKUP CAMERA INSTALLATION - Hardwire Power



This installation is based on powering the Camera over the reverse tail lights. When installed as directed, the camera image will only appear when the vehicle is in reverse.

Caution: This unit is designed to operate on a 12V/24V DC NEGATIVE GROUND electrical system. Connecting to other types of electrical systems will cause damage to your vehicle. Please contact the manufacturer if you are unaware of the system type in your vehicle.

1. Remove your license plate
2. Determine the best route for the Camera Cable from the top of your license plate to the inside of the vehicle. You may need to drill a small hole in the panel behind where the license plate is situated.
3. Take the Camera and run the cable through the Rubber Ring Grommet, then from the outside of your car to the inside. Pull the cable through so that there is a small amount of slack and you can still move the Camera around the license plate.
4. Locate the reverse taillights wiring behind your reverse light. You may need to remove the interior panel in order to locate. You only need to attach the Camera to ONE of the reverse lights, not both. If you cannot manually locate the taillight cables, please contact the vehicle manufacturer or reference a wiring diagram for your vehicle.
5. At your taillight, remove the light bulb socket from the reverse light housing.
6. Determine the reverse light power wires for your car, designating the positive and negative wires. If you are not sure of which are the power wires, then please contact your vehicle manufacturer or reference a wiring diagram for your vehicle.
7. Connecting the Camera Power Cable:
 - a. Take the open wire end of this cable, and connect it to the power wires of your car (as determined in step 4). Using the Snap Lock Splice Connectors, connect the Camera's Red wire to reverse light's Positive wire. Connect the Camera's Black Wire to reverse light's Negative wire.
 - b. Use pliers to squeeze the metal tabs of the Snap Lock Splice Connectors and ensure a solid connection, then snap the plastic cover closed.
8. While sitting in the driver's seat of the car with the key in the accessory position, open the Type S Drive App on your smart phone and go to App View Backup Camera section.
9. Put the vehicle in reverse. If you can see clear picture on the app screen, put the vehicle back in park and turn the key to the off position. You are now ready for final steps.
10. If you cannot see any image on the app view when you place your vehicle in reverse position, open the WiFi setting page of your smart phone and make sure it is connected to "Type S Backup Camera WiFi" directly (please refer to page 7 on setting up the app).
11. Use the provided Zip ties to secure wires neatly within your car.
12. Replace the light socket back into the reverse light housing.

13. Replace any interior panels that may have been removed to access the taillight and close your trunk or rear hatch.
14. Standing with the license plate in one hand and the Camera in the other hand, slide the Camera along the top of the license plate in order to determine the placement. Best placement is in the center of the license plate. If you have a rear hatch handle you may need to remove the Camera bracket, turn the bracket upside down and reattach to the Camera. You would then mount the Camera from the bottom of the license plate.
15. Peel off the lining of the double-sided tape already attached to the Camera and press firmly to the license plate to secure the Camera. Make sure the back of the license plate is clean before attaching double-sided tape.
16. Press the license plate and the Camera mounting firmly to the car to secure and get full contact between the license plate and the double-sided tape. Screw the license plate back onto the rear of your vehicle.
17. Once license plate and Camera are secure, you can adjust the vertical angle of the Camera to your specific need.
18. As a last check, note the position of the view from the Camera when you place the vehicle in reverse. Adjust the angle of the Camera as necessary to achieve the best rear view.

Video's are available on www.winplus.com to see step by step installation instructions.

DIESEL INSTRUCTION:

Temporarily connect the Camera following the wiring instructions above. Then check the Camera image for rolling lines with vehicle running. If there are no rolling lines, permanently install the components and wiring. If rolling lines occur you will need to run a power wire directly to the battery post instead of using the reverse lights. Then the power line will need to be cut and run to a switch near the driver so the Camera can be switched on/off. Without a switch the Camera would drain the battery and possibly burn out the Camera. Be sure to use a fuse when connecting to the battery post.

5. APP INSTALLATION

Install TYPE S DRIVE APP on your smart phone. Scan below QR code or search for the TYPE S DRIVE APP in the APP Store or Google Play.



TYPE S DRIVE



Compatible with iPhone 4s and higher, iPad3, iPad Mini, iPad Air and higher, and iPod touch 5th Generation and higher.
Requires iOS 7.0 or higher.



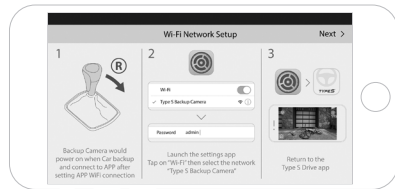
Compatible with phones with Android™ 4.3 or higher.

Once installed, open the APP and begin enjoying your Type S Drive APP.

6. USING THE APP



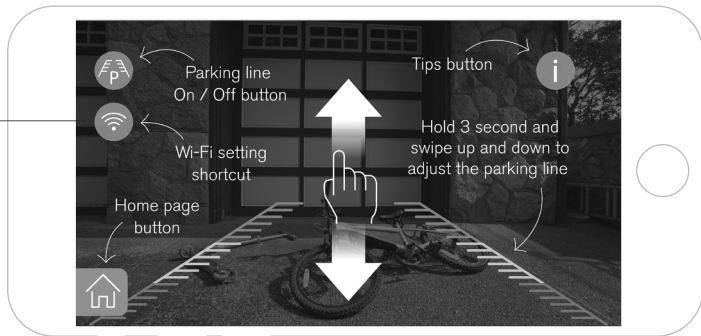
On the main screen, choose App View Backup Camera.



Follow the on-screen instructions and create an initial connection of the App View Backup Camera with your smart phone.

Note: The app will auto connect with the App View Backup Camera after the initial connection with an Android smart phone. If you are using iOS smart phone, please connect the Type S backup camera WiFi through the IOS WiFi setting manually. WiFi Password: admin

Only IOS version has Wi-Fi setting shortcut. The Android version has auto Wi-Fi detection.



Main Interface

7. SAFETY INFORMATION

WARNING: A failure to read and follow these warnings and instructions may result in a serious accident, including damaged property or a serious injury, including loss of life.

- The App View Backup Camera is designed as an aid to the driver in detecting large stationary objects to help avoid damaging the vehicle. However, you, the driver, must use it safely and properly. Use of the App View Backup Camera is not a substitute for safe, proper and legal driving.
- Never back up while looking only at the screen. You should always check behind and around the vehicle when backing up just as you would if the vehicle did not have the App View Backup Camera. Always make sure your intended path is clear. If you back up while looking only at the App View in your smart phone, you may hit a vehicle, pedestrian, bicyclist, child, pet or other object resulting in injury or death. Always back up slowly.
- Never depend on the App View Backup Camera entirely when backing up. The image on the app screen is different from actual conditions. Objects viewed in the app screen differ from actual distance because a wide-angle lens is used. Objects in the app screen will appear visually opposite than when viewed in the rear view and outside mirrors. Use the inside mirror or glance over your shoulder to properly judge distances to other objects.
- The App View Backup Camera “night vision” feature is an aid to a driver but is limited. Always use your own eyes to confirm the vehicle’s surroundings, as the displayed image may be faint or dark, distorted, or not entirely visible. Always check behind and all around the vehicle visually with mirrors before proceeding.
- The area displayed by the App View Backup Camera is limited. The App View Backup Camera does not display objects that are close to or below the bumper, underneath the vehicle, or objects out of the Camera’s field of view. The area displayed on the app screen may vary according to vehicle orientation or road conditions.
- Be sure to check the Camera’s position and mounting angle before each use.
- Make sure the trunk, hatch, or backdoor is completely and securely closed when backing up.
- If the back of the vehicle is hit, the position and mounting angle of the App View Backup Camera may change.
- When washing the vehicle with high pressure water, be sure not to spray it around the Camera. Otherwise, water may enter the Camera unit causing water condensation on the lens, a malfunction, fire or an electric shock.

- Do not strike the Camera. It is a precision instrument. Otherwise, it may malfunction or cause damage resulting in a fire or an electric shock.
- This product will only provide images of items that are within the field of view of the Camera. Thus, it is imperative that the Camera should be kept clean and unobstructed, and should be mounted so that its field of view includes the entire area behind your vehicle.
- Adhere to all applicable traffic laws and motor vehicle regulations applicable to the device.
- Consult local laws and regulations for any restrictions on installation or use.
- Never allow children to play with the device. Small parts may be a choking hazard.
- If you replace the tires, the area displayed on the app screen may change and you may need to adjust the Camera.
- There is a plastic cover over the Camera. Do not scratch the cover when cleaning dirt or snow from the cover.
- The Camera has a water resistant construction. Do not detach, disassemble or modify it. This may cause incorrect operation. Camera is waterproof.
- Do not submerge Camera in water, which can cause internal damage to the Camera.
- If the temperature changes rapidly, such as when hot water is poured on the vehicle in cold weather, the system may not operate normally. The Digital Camera can withstand the effects of rain, snow, and inclement weather.
- When strong light directly enters a camera, objects may not be displayed clearly.
- The screen may flicker under fluorescent light.
- The colors of objects on the app screen may differ somewhat from those of the actual object.
- If dirt, rain or snow attaches to the Camera, the app screen may not clearly display objects. If water droplets, snow or mud adhere to the Camera lens, rinse with water and wipe with a dry cloth.
- Do not use alcohol, benzene or thinner to clean the Camera. This will cause discoloration. To clean the Camera, wipe with a clean cloth dampened with mild cleaner diluted with water and then wipe with a dry cloth.
- Will work up to 30 feet.
- ALWAYS engage Parking/Emergency/Hand Brakes of the vehicle when testing the system.

SAFETY AROUND AND BEHIND OTHER VEHICLES

Using a App View Backup Camera is not enough to completely overcome a vehicle's blind spot. Many preventable injuries and deaths occur in driveways or parking lots when drivers do not see children, pets, or others near their vehicles. Here are a few safety tips that will help you to avoid a back-over accident:

- Walk completely around your vehicle before getting in. Check for kids, toys, and pets before entering the vehicle and starting the engine.
- Know where children are. Have children stand in a place where they are in full view.
- Be aware of young children. Young children are small and hard to see.
- Parents, caregivers and all adults need to be vigilant in supervising children, especially when children are in the yard, driveway or parking lot playing near parked cars.
- Roll down your window so you will be able to hear what is happening outside your vehicle.
- Owners of SUVs, trucks, and vans need to take extra care to avoid hitting or running over a child.
- Teach children to move away from a vehicle whenever it is started.

8. MAINTENANCE & WARRANTY

CLEANING

- If dirt, rain or snow attaches to the Camera, the app screen may not clearly display objects. If water droplets, snow or mud adhere to the Camera lens, rinse with water and wipe with a dry cloth.
- Do not use alcohol, benzene or thinner to clean the Camera. This will cause discoloration. To clean the Camera, wipe with a clean cloth dampened with mild cleaner diluted with water and then wipe with a dry cloth.

WARRANTY

- **WINPLUS NORTH AMERICA
LIMITED WARRANTY**

Winplus North America warrants, to the original purchaser, that its products are free from defects in material and workmanship for 1 year from the date of original purchase. Where permitted by law, Winplus North America's liability shall be limited to that set forth in this limited express warranty. This limited express warranty shall be the exclusive remedy of the purchaser and Winplus North America makes no other warranty of any kind aside from the limited express warranty stated above.

NOTE: Warranty only applies for North American customers of purchases made in North America.

CONDITIONS OF WARRANTY

If during the 1 year warranty period your new product is found to be defective, Winplus North America will repair such defect, or replace the product, without charge for parts or labor subject to the following conditions:

1. All repairs must be performed by Winplus North America.
2. All warranty claims must be accompanied by a copy of the sales receipt or bill of sale.
3. The equipment must not have been altered or damaged through negligence, accident, improper operation, or failure to follow the product instructions for installation, use, or care.
4. The replacement of parts is excluded from the warranty when replacement is necessary due to normal wear and tear.
5. Repair or replacement parts supplied by Winplus North America under this warranty are protected only for the unexpired portion of the original warranty.
6. This is a "repair or replace" warranty only, and does not cover the costs incurred for the installation, removal or reinstallation of the product, or damage to any mobile phone device or vehicle.

OWNER'S RESPONSIBILITIES:

Winplus North America will make every effort to provide warranty service within a reasonable period of time. SHOULD YOU HAVE ANY QUESTIONS ABOUT SERVICE RECEIVED OR IF YOU WOULD LIKE ASSISTANCE IN OBTAINING SERVICE, PLEASE CALL TOLL FREE 1.866.294.9244 DURING REGULAR BUSINESS HOURS MONDAY THROUGH FRIDAY 9:00 AM TO 5:00PM.

NOTE: Toll Free # is for North America Customers ONLY. See Customer service section for customer contact numbers for other regions/offices.

For customer service and technical support, please call us at 1.866.294.9244 or email us at customer care@winplususa.com. If at that time it is determined that a replacement unit is needed, the support representative will issue a Return Authorization and instruct on how to get a new unit.

Winplus North America makes no other warranty of any kind aside from the limited express warranty stated herein.

DISCLAIMER OF WARRANTIES, INCLUDING WARRANTY OF MERCHANTABILITY AND WARRANTY OF FITNESS FOR PARTICULAR PURPOSE: EXCEPT AS SPECIFICALLY SET FORTH HEREIN, NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, IS MADE AS TO THE APP VIEW BACKUP CAMERA. EXCEPT AS EXPRESSLY SET FORTH HEREIN, WINPLUS NORTH AMERICA AND/OR ITS AFFILIATES EXPRESSLY DISCLAIMS, WITHOUT LIMITATION, ANY STATUTORY WARRANTIES AND ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Winplus North America and/or its affiliates do not guarantee or promise that the user of App View Backup Camera will not be in an accident or otherwise not collide with an object and/or person. Our App View Backup Camera is not intended in any way to be a substitute for careful and cautious driving or for the consistent adherence to all applicable traffic laws and motor vehicle safety regulations.

The App View Backup Camera is not intended to be a substitute for rearview mirrors or for any other motor vehicle equipment mandated by law. Even when properly installed, our App View Backup Camera has a limited field of vision and does not provide a comprehensive view of the rear area of the vehicle. You should always look around outside your vehicle and use your mirrors to confirm rearward clearance and that your vehicle can back up safely.

Winplus North America and/or its affiliates are not responsible for a user's intended or actual use of the App View Backup Camera. In no event shall Winplus North America and/or its affiliates have any liability for any losses (whether direct or indirect, in contract, tort or otherwise) incurred in connection with the App View Backup Camera, including but not limited to damaged property, personal injury and/or loss of life. Neither shall Winplus North America and/or its affiliates have any liability for any decision, action or inaction taken by any person in reliance on the App View Backup Camera, or for any delays, inaccuracies and /or errors in connection with the App View Backup Camera and its functioning.

Winplus North America and/or its affiliates shall have no responsibility or liability for damage and/or injury resulting from accidents occurring with vehicles having the installed, and Winplus North America and/or its affiliates, the manufacturer, distributor and seller shall not be liable for any injury, loss or damage, incidental or consequential, arising out of the use or intended use of the product.

- **WINPLUS EUROPE
LIMITED WARRANTY**

Winplus warrants, to the original purchaser, that its products are free from defects in material and workmanship for 12 months from the date of original purchase. Where permitted by law, Winplus liability shall be limited to that set forth in this limited express warranty. This limited express warranty shall be the exclusive remedy of the purchaser and Winplus makes no other warranty of any kind aside from the limited express warranty stated above.

OWNER'S RESPONSIBILITIES:

In order to provide you with the proper warranty service, we request that you adhere to the following procedure:

1. Include a copy of your sales receipt or bill of sale with your unit when it is returned for warranty service.
2. If it is necessary to return your product for service, please return it securely packed, preferably in the original shipping box, and freight and insurance prepaid to the following address:

ATTN: WINPLUS BLUETOOTH PRODUCTS RETURNS

**The Officers' Mess Business Centre, Royston Road, Duxford,
Cambridgeshire, CB22 4QH, UK**

3. Please include a detailed explanation of the problem you are having.
4. If your product is found by Winplus to have a defect in material or workmanship, within the warranty period, it will be repaired or replaced at no charge and returned to you prepaid.

Winplus makes no other warranty of any kind aside from the limited express warranty stated herein.

- **WINPLUS AUSTRALIA/HONG KONG**

LIMITED WARRANTY

This Type S product is warranted against faulty workmanship for a period of 2 years from date of purchase. Liability is limited to replacement of the product and claims for associated or consequential loss or damage will not be accepted. Warranty is void and does not apply if the product has been damaged or rendered faulty by accident, abuse, misuse, incorrect application or if the product has been modified or tampered with. Proof of purchase is required to validate warranty claims. If this product is faulty, simply return it to the place of purchase with your receipt for a replacement product. No refunds of credits will be issued. Replacement is limited to a Type S product of the same or similar model.

9. GENERAL INFORMATION

CUSTOMER SERVICE/CONTACT

For questions or issues regarding the product, please contact Winplus in your area/region to speak to our customer service representative:

Winplus North America	Tel.: 866-294-9244
	Tel.: 909-752-3074
Winplus Europe	Tel.: 44-1223-919711
Winplus Australia	Tel.: 61-3-8727-7600
Winplus Asia	Tel.: 852-2798-8932

You can also contact us online by visiting www.winplus.com for more information about the product.

IF YOU ARE EXPERIENCING ANY ISSUES WITH THE PRODUCT DURING OPERATION, DO NOT RETURN THE PRODUCT TO THE STORE. CONTACT WINPLUS DIRECTLY FOR INSTRUCTIONS ON HOW TO RETURN/EXCHANGE THE PRODUCT.

FCC / IC COMPLIANCE STATEMENT:

This device complies with Part 15 of the FCC rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC/IC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

App View Backup Camera

BT56484

Responsible Party:

Winplus North America Inc.

820 South Wanamaker Avenue, Ontario, CA 91761

Tel: 866-294-9244

TOURING ITEMS
TYPES[®]

WINPLUS[®]

NORTH AMERICA	820 South Wanamaker Avenue, Ontario, CA 91761	Tel: 866-294-9244 Fax: 310-496-2740
EUROPE	The Officers' Mess Business Centre, Royston Road, Duxford, Cambridgeshire, CB22 4QH	Tel: 44-1223-919711
AUSTRALIA	6 Prospect Place, Boronia Victoria, Australia, 3155	Tel: 61-3-8727-7600 Fax: 61-3-9720-4165
ASIA	Suites 6-11, 7th Floor, Corporation Park, 11 On Lai Street, Shatin, N.T., Hong Kong	Tel: 852-2798-8932 Fax: 852-2795-0241

www.winplus.com

© 2018 Winplus North America Inc. All Rights Reserved. Winplus, the logo design, and Type S are trademarks or registered trademarks of Winplus North America Inc.