# VERITY®
## REAR VISION SYSTEMS

((( Wi-Fi SYSTEM # SWF1P )))

*Power*
*Link*

VERITY RVS

Pair

*Just View It!®*

Please read this manual completely before operating the SYSTEM

**A division of**
**Component Solution Services, LLC.**
**56600 Twin Branch Dr.,**
**Mishawaka, IN 46545**
**www.verityrvs.com**

CE FC

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Subject to change

Most likely, your system came preinstalled so the installation section would be for reference.

Thank you for your purchase of our Verity Rear Vision Systems®. When installed and used properly, your SWF1P is designed to deliver you years of trouble-free operation. This manual contains important information required to properly install and operate the unit. Verity Rear Vision Systems are designed for quick installation by trained professionals in proper installation environments. Our designs are based on decades of working with vehicle manufacturers.

Verity Rear Vision Systems products are intended to be installed as a supplement and our observation systems and/or products are not intended for use as substitutes for rear-view mirror devices, or for any other standard motor vehicle equipment which may be required to be installed on vehicles by law. Verity Rear Vision Systems products promote improving the vehicle operator's field of view. Our products are no substitute for proper defensive driving techniques, observance of traffic laws and motor vehicle safety regulations.

**Installation Location**

It is unlawful in most locals for any person to drive a motor vehicle equipped with a television viewer/screen located at any point forward of the back of the driver's seat (or in any location that is visible, directly or indirectly), to the driver while operating the vehicle. Our systems are designed to be used primarily as a rear observation device.

**DO NOT OPEN ANY COMPONENT.** There are no serviceable parts inside any of the components of the Verity Rear Vision products. Opening the product will break the tamper indicators and void the warranty. Contact our tech support if a problem should arise 574-807-6002.  For faster response, fill out a service ticket found on our website tech support section.  www.verityrvs.com

**Hands Free**
Most states have "hand free" laws making hand held devices illegal during driving.  We strongly recommend using a mount for your device.

## WARNING
♦ Do not place heavy objects on cables or cover them with carpet or mats.
♦ Do not place cables where they can be crushed in any manner.
♦ Our systems are designed as a driving aid.  Watching videos, broadcasts, DVDs, and/or any images other than intended driving assistance cameras is prohibited.

## CAUTION
♦ To avoid damage to the electronic circuit, stop using this product while doing welding work to the vehicle and/or trailers.
♦ Never immerse any component in water, and do not employ spray cleaners.  When cleaning, use a damp lint-free cloth only.
♦ Connect this unit only to other compatible devices.
♦ Although our products have built-in surge and cross polarity protection, make sure all cables are connected properly; improper cable connections may damage the camera and the monitor.
♦ Cables should not be allowed to touch hot or rotating parts, such as the engine, ventilator, etc.
♦ Do not locate the monitor near heat generating vents or devices.
♦ Turn off power to the monitor when connecting the camera.


Monitors are not designed to be waterproof. (Our SM07F waterproof monitor is the exception.) Exposure to water, such as rain, may damage the unit.

**Wi-Fi connection**
If the mobile device (i.e. IPhone, tablet) should become separated from the signal, the display image will become frozen.

## Specifications:

Image Sensor: 1/4 inch CCD Sensor
Total Pixel: 728X560
Minimum Illumination: 1.5 lux
Distance: 350 feet (barrier-free)
No fish eye with a true 192-degree view
Display: LAN Peer to peer connection monitoring via Smart Phone
(IOS device or Android)
Image Compression: MJPEG
Frame Rate: 30fps
Wireless Standard: IEEE 802.11b/g//n
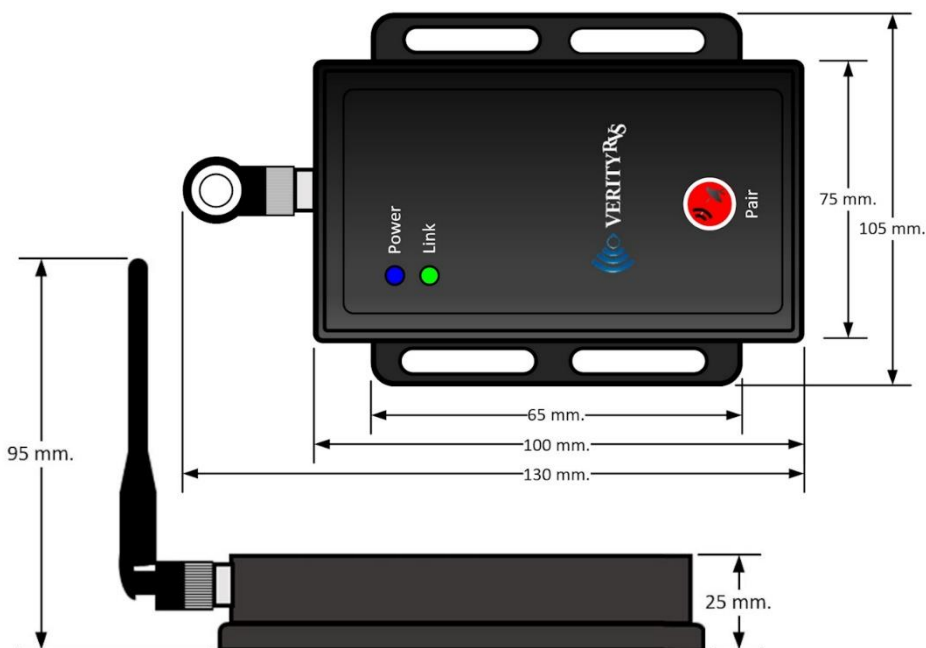Client Software: Wi-Fi Camera / VerityRVS
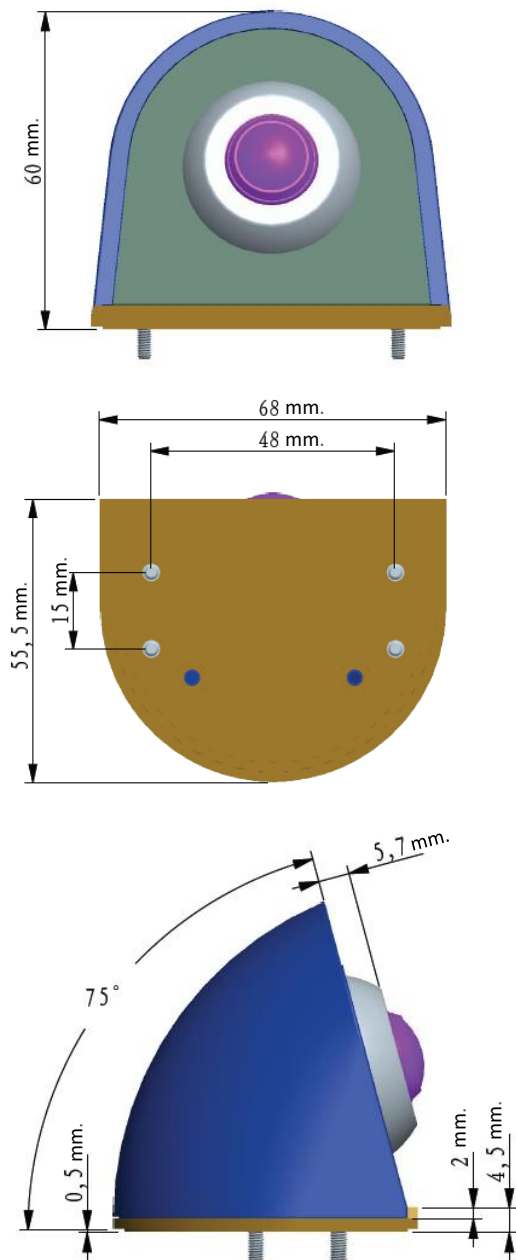Waterproof level: IP69K Transmitter and camera
Language: English
Power supply: DC12v
Working temperature: -10°C ~ 65°C
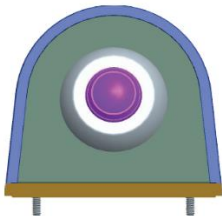
## Transmitter Dimensions (part # ADDT1P)

# Camera Dimensions (part # C300P)



60 mm.



68 mm.

48 mm.

55 , 5 mm.

15 mm.



5 , 7 mm.

75°

0 , 5 mm.

2 mm.

4 , 5 mm.

# Components:

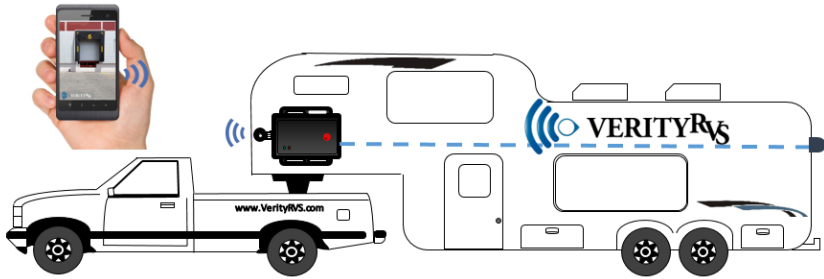| | |
|---|---|
| Wi-Fi Transmitter (part # ADDT1P) | Camera (part # C300P) |
| Barrel power connector (part # CB114C) | 20 m. Camera cable (part # CB021) |
| Manual (available online) | Free App via App store or ITunes |

**View on your Android 2.2 or Greater Device**

## How our systems works!

Although it took great efforts to bring this product to market, it has been made very easy to use.

The Wi-Fi transmitter system (SWF1P) works similarly to a wireless router in your home. It differs in that it sends streaming video to your device, not information off the World Wide Web.
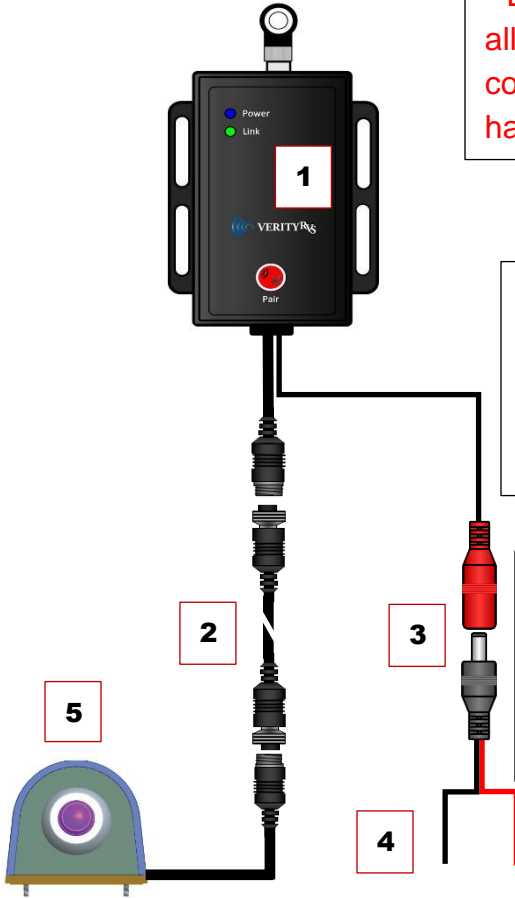
When you connect to an internet hot-spot with your portable device you simply open "Wi-Fi connections" and find the desired connection. You choose it and enter a password. Connection done. It is as simple as that with Verity RVS™ system.

This manual will instruct you with this process.
It is as simple as 1-2-3 to operate!
*1. Download the free "VerityRVS" App*
*2. Connect to the transmitter hot spot*
*3. Open App and enjoy!*

**Installation:**

Power
Link

1

VERITYRS

Pair

1. Transmitter (# ADDT1P) Mount in a location free from road debris. Although housing is IP69, care should be taken to protect it.

2

3

2. Camera connection. Up to a 20m. camera cable can be used to bring transmitter to front part of trailer.

5

4

3. To prevent shock, make sure power is off and system is completely installed before connecting power. Once connected, a wrap of electrical tape is suggested.

4. Connect black ground wire to battery ground (-). Connect red wire (positive dc 12 v. +) to 3 amp fused power supply.

5. Place camera at a height above on-coming head lights.

## APP Information:

Note: The operating system for an Android (smart phone / tablet) shall not be lower than version 2.2. Version, and a 4.0 is preferred.

**Setting up App:**

Go to [www.verityrvs.com/wifi](www.verityrvs.com/wifi)

Download button located on top of the page

APP name verityrvs WI-FI 1.1

2) Turn on the VerityRVS system.
3) On your phone/device, navigate to the "Settings".
4) Locate and click the option "Wireless Networks."
5) Select "Wi-Fi Settings."
6) Select the option to turn on a Wi-Fi connection, if prompted.
7) Select "Scan" or "Add Wi-Fi Network." This will allow Wi-Fi to search for any available Internet connections.
8) Wait for the list to generate, select **veritywifi** from the list of available networks.
9) Select "Connect" to establish a connection to a wireless network.
10) You will be asked for a password.  **The default password is "12345678"**

Starting App:

1. Go to Apps or Downloads in your device. Press "WiFi Camera".



2. A warning screen will appear.



IMAGE MAY FREEZE IF SIGNAL IS LOST

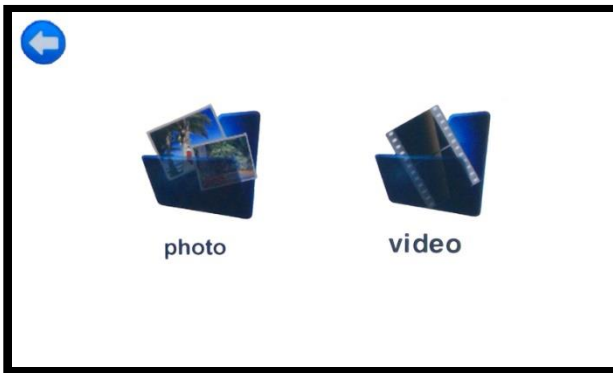3. Image from the camera will appear on screen.

# Video and photo options:

Along the base of the screen there are 3 buttons.



 Button one:  Brings up the access screen to videos and pictures.



 Button two:  Takes a still photo and saves in the photo file.

 Button three:  Takes a video and saves in the video file.

 Exit Button closes the App.

## Technical Support

A service ticket can be filled out on line to supply the quickest service.  The service ticket can be easily found on our web site www.verityrvs.com or use the code to the right.  Please have the serial number of the system which is found on the back of the monitor when contacting the service department.  We take great pride in delivering the most dependable product in the industry. Each item was 100% QC tested and then we randomly recheck another up to 10% before it leaves our hands to you.  We have a .034% issue rate with this product.

**Email Tech Support: Tech@verityrvs.com**
**Phone Tech Support: 574-807-6002**

Note:  if you are a fire/rescue customer in need of tech support after hours or on weekends, leave a message and a technician will return your call as soon as one becomes available.

a division of
Component Solution Services
56600 Twin Branch Drive
Mishawaka, IN  46545
**574-807-6002**
**Toll Free 844-875-4799**

We at Verity Rear Vision Systems would like to personally thank you for purchasing our product.  Our company strives to supply the best products at a fair price.  We care that you enjoy a safe driving experience.