

## S2605 Outdoor Dome IP Camera Cabling and Installation Guide

### Ver. 1

This guide is for camera cabling and physical installation. For details on how to add a camera to the CheckVideo portal, please refer to the camera's Quick Start Guide.

### What's in the Box




In addition to the camera, the box contains 2 accessory packs (mounting parts and RJ45 water-resistant kit) and a drill hole pattern template.

### Power and Network Connection

Use an Ethernet cable, connecting it from the RJ-45 connector of the camera to a Power over Ethernet (PoE) switch.

**NOTE:** Check the status of both power and network activity indicator LEDs. If either LED is unlit, please check the corresponding connection.

 Green Power LEDs light up when the camera is powered on. Orange network LED (1) flashes when data is being transmitted over the network and (2) lights up for a good network connection.

### Installation and Aiming the Lens

1. Use the provided template to pre-drill the 4 outer holes at the intended location.
2. The dome cover comes with a protective plastic sheet. Do not remove this sheet until installation is complete.
3. Using the provided TORX driver in the accessory package, loosen the screws on the dome cover in a counterclockwise motion, until the cover can be lifted off the camera base.
4. The camera ball has 3 degrees of rotation:
  - Rotates left to right on the base (Step 5)
  - Rotate image to vertically align objects in the scene by loosening the screw on the top or bottom of the lens housing (Step 7)

- Angles/tilt up and down by adjusting the side screws simultaneously (Step 8)

5. To begin, adjust the base rotation (pan). Hold the ball from the back of the shield and turn left to right. Because this rotation is tight, do this before installing the camera to a wall or ceiling.



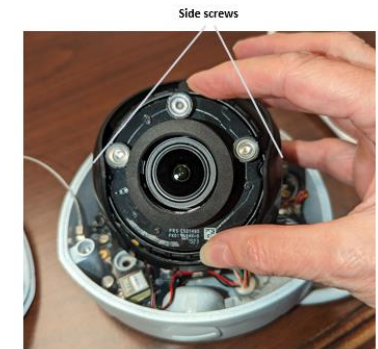
6. If attaching to brick or drywall, insert the plastic expansion screw sleeve in the wall/ceiling. In all instances, place the O-ring on the provided self-tapping screw (or the provided M4x0.7 machine screws, if using a mount kit), insert the screw in the camera body's mounting holes and screw the camera in place. Note that extra O-rings will be provided in case one is lost during install.

Ensure that the O-ring fits snugly in to the well. The O-ring will provide a water tight seal for outdoor locations. Use all four screws for a proper installation.

7. For the camera's analytics to function reliably, ensure that objects in the scene are vertical (e.g., a person appears to be standing straight up). To do this, loosen the center screw at the top or bottom of the camera ball and rotate the lens. Tighten the screw when adjustment is finished.



8. Next adjust the angle/tilt. The optimal angle for analytic detection is between 15 and 45 degrees. Loosen the side screws in a counter-clockwise manner. Tilt the ball and tighten the screws once the proper angle is achieved.



9. Replace the original desiccant packet with the extra sachet in the accessory bag. Double sided tape is provided so the sachet adheres to the camera body.
10. Before closing the dome cover, confirm that the dome cover's waterproof gasket is properly inserted in the channel and the security cable is nestled within the camera body. Neither must interfere with the placement of the dome cover.

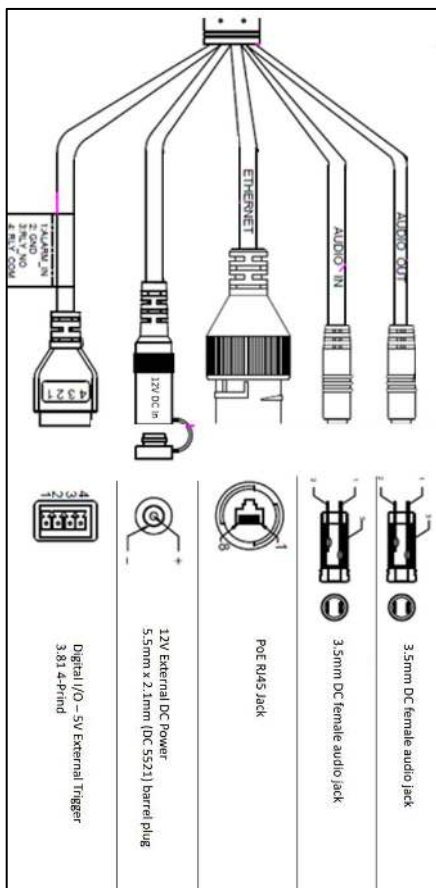
**NOTE:** If the dome glass requires cleaning during the installation process, do **NOT** wipe it with a dry cloth. Instead use an alcohol-based lens wipe to clean the dome cover. Failure to do this may create microscopic scratches which could impact the image quality.

## Cable Guide

The camera pigtail contains connectors for:

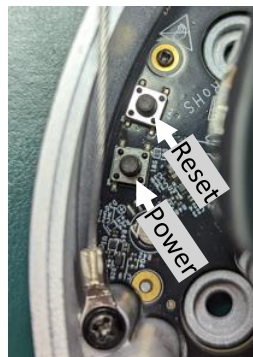
- Audio In
- Audio Out
- PoE RJ45
- 12V External DC Power
- Digital I/O

Each cable is individually marked for easy identification. A graphic of the cable appears below.



## Power and Reset Buttons

Two buttons sit just above the camera's security cable.



The cable closest to the security cable is for a camera Reset. This is equivalent to a power cycle. To complete the reset, press and release the button.

The button furthest from the security cable is used for a factory reset. Only factory reset the camera if asked by CheckVideo Support – you must hold down this button for at least 10 seconds. The camera will reboot, request an IP address and receive updated camera settings.

## Mounting the S2605 Outdoor Dome Camera

The S2605 has two mounting options:

1. A cap, plate, and arm set for outdoor use.
2. A flat mounting plate for connecting to a variety of electrical junction box form factors.

Mounting hardware packages include all required fixtures (i.e. screws) and detailed instructions for each camera model.

\*If the appropriate screws are not included in the mounting kit provided, the S2605 require four (4) M4x0.7 machine screws with a length of at least 10mm to mount to the adapter plates.