



**Swann**<sup>®</sup>  
Security Made Smarter

# Pan-Tilt-Zoom Security Camera

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For use with Swann Pro-Series 1080p DVRs

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**INSTRUCTION MANUAL**

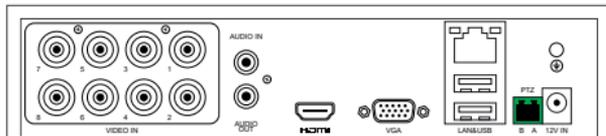
M1080PTZVER1E | © Swann 2017

# Step One - Introduction

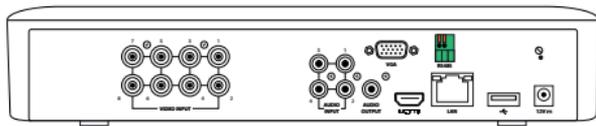
## Important instructions

1. Make sure the camera is securely fastened.
2. Do not operate if wires and terminals are exposed.
3. Only use the supplied power adapter (24V).
4. Do not manually move the camera when it is turned on as this may damage the internal mechanism.
5. Use a small Phillips-head screwdriver to connect the red and black PTZ wires on the camera, to the PTZ connection on the video & power cable.
6. This camera is compatible with most Swann Pro-Series 1080p DVRs.

**Important note:** All jurisdictions have specific laws relating to the use of cameras. Before using any camera for any purpose, it is the buyer's responsibility to be aware of all applicable laws and regulations that prohibit or limit the use of cameras.



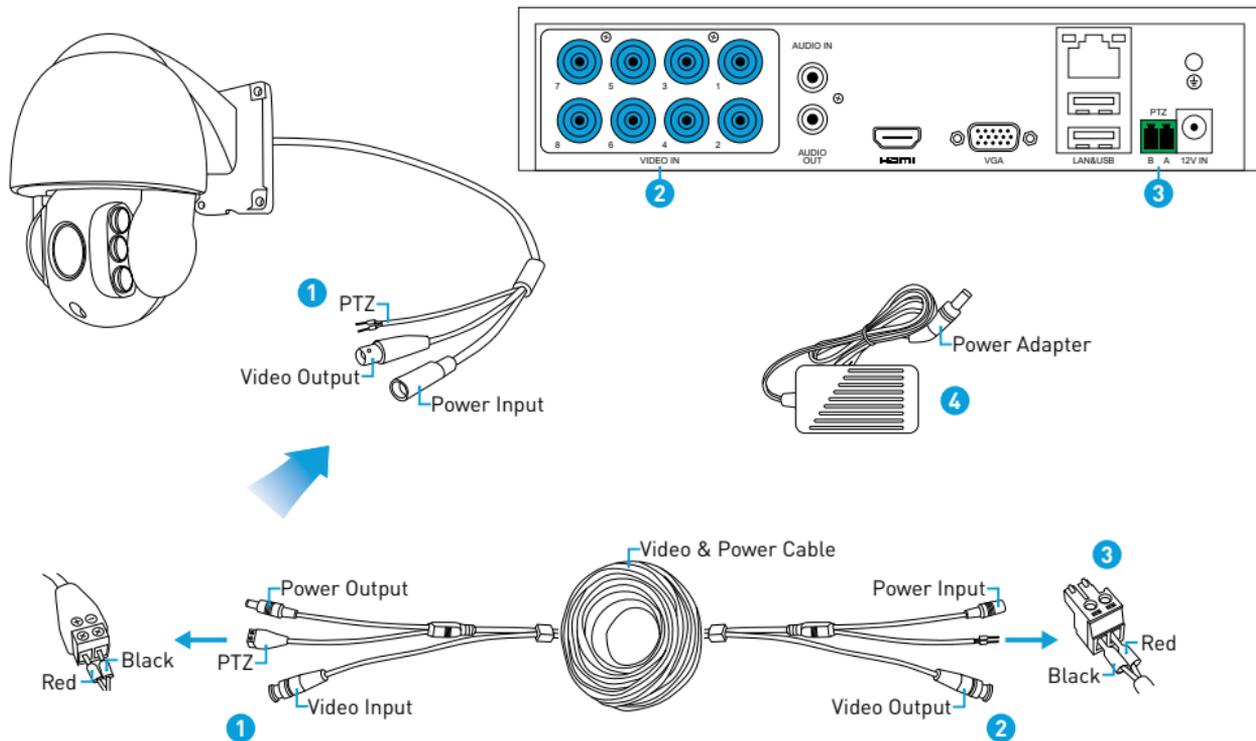
If your DVR has a green PTZ connection (as shown above), go to step two for instructions.



If your DVR has a green and orange PTZ connection (as shown above), go to step three for instructions.

The camera has an on-screen display that can be accessed using the PTZ controls on your DVR. For an explanation about the functions available, download the instruction manual from [support.swann.com](http://support.swann.com). Search for – **1080 PTZ OSD Manual**.

## Step Two - Connecting the Camera



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1. Using a small Phillips-head screwdriver, attach the PTZ wires (red & black) on the camera, to the PTZ connection on the video & power cable. Ensure the wires are held firmly then tighten (don't use too much force). Connect the video output and power input on the camera to the corresponding connections on the video & power cable.

2. Connect the video output on the video & power cable to a spare video input on your DVR.

3. Disconnect the PTZ module on your DVR. Using a flat-head screwdriver, attach the PTZ wires (red & black) to the PTZ module. The red cable connects to "A" and the black cable connects to "B" (as illustrated). Ensure the wires are held firmly then tighten (don't use too much force). Reconnect the PTZ module to your DVR when finished.

4. Connect the power input on the video & power ca-

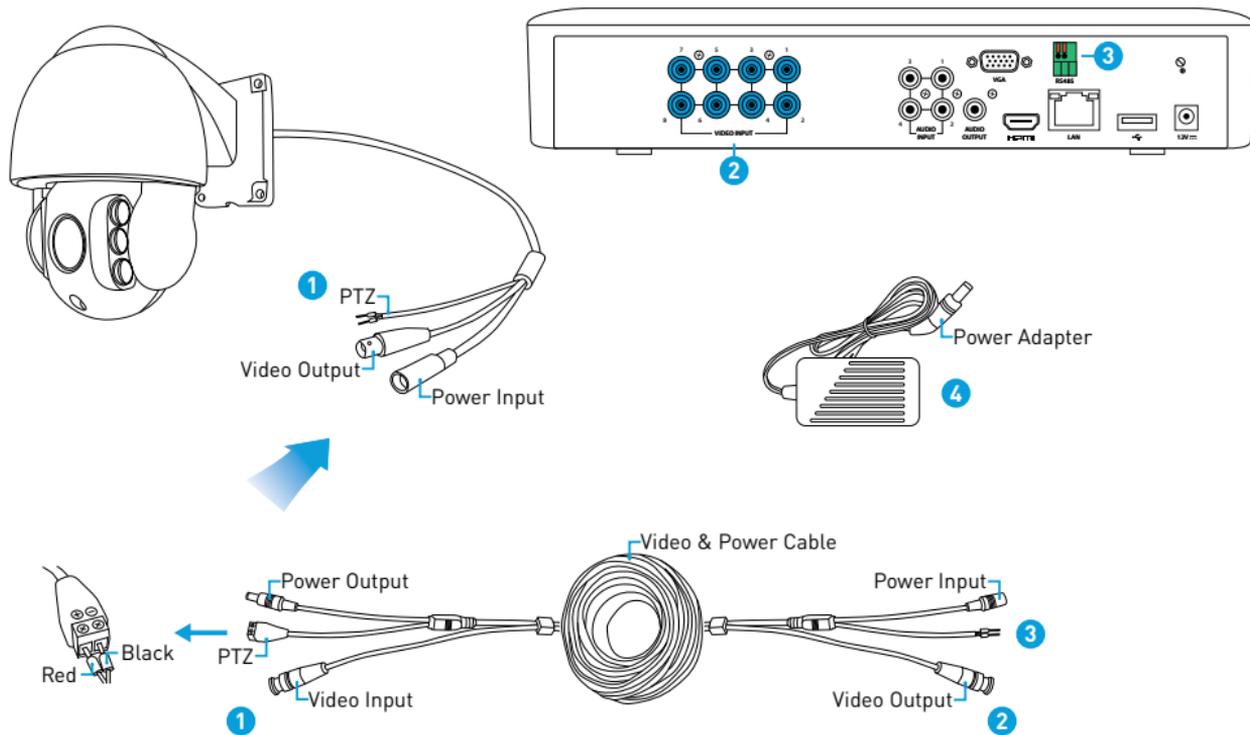
ble to the provided power adapter. Connect the power adapter to a spare power outlet.

5. The camera will initialise a self-test when turned on then display information about itself on-screen:

```
S/N: 201705090001
VERSION : V1.36AN
MODEL   : DOME
PROTOCOL : PELCO
DOME ID : 001
BAUDRATE : 9600
```

Your DVR's default PTZ settings should allow you to use the camera without any configuration. Go to [step four](#) for instructions on how to control your camera and how to mount the camera onto a flat surface.

## Step Three - Connecting the Camera



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1. Using a small Phillips-head screwdriver, attach the PTZ wires (red & black) on the camera, to the PTZ connection on the video & power cable. Ensure the wires are held firmly then tighten (don't use too much force). Connect the video output and power input on the camera to the corresponding connections on the video & power cable.

2. Connect the video output on the video & power cable to a spare video input on your DVR.

3. Push the PTZ wires directly into the RS485 port on your DVR. The red wire goes into the positive (+) port and the black wire goes into the negative (-) port. When pushing each wire into the port, the orange tab above the port will push inward slightly. To remove the wire, use a flat-head screwdriver to push the orange tab inward then pull the wire.

4. Connect the power input on the video & power ca-

ble to the provided power adapter. Connect the power adapter to a spare power outlet.

5. The camera will initialise a self-test when turned on then display information about itself on-screen:

```
S/N: 201705090001
VERSION : V1.36AN
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Your DVR's default PTZ settings should allow you to use the camera without any configuration. Go to [step four](#) for instructions on how to control your camera and how to mount the camera onto a flat surface.

## Step Four - Mounting & Controlling the Camera

The camera can be mounted onto a flat surface using the pre-installed mounting bracket. Materials such as hardwood, brick or concrete are good options, and we've included all the gear you'll need for mounting.

1. Position the camera in the location you want to mount it. Make sure the location is rigid to prevent vibration.
2. Using a pencil or felt tip maker, mark the four screw holes on the surface to position the screws.
3. Using the appropriate screws for the surface you're fixing the camera to, screw the camera into place. Make sure the camera's bracket is aligned straight, otherwise the image on the DVR will appear on an angle.
4. For wooden surfaces, screw the camera directly to the surface. For masonry surfaces (bricks or concrete) you'll need to use the wall plugs.

To control the camera, use the mouse and click the channel the camera is connected to. Click the "PTZ" button on the camera toolbar (your DVR may differ from the screenshot shown below).



1. Click the directional buttons to move the camera in the direction selected.
2. This determines how fast the camera will move.
3. The ability to zoom into an object and to control the level of focus. Press the Iris "+" button to access the on-screen display.

## Step Five - Installing the Ceiling Mount

**1.** The ceiling mount kit consists of three parts – the ceiling mount, the cylinder pipe and the camera mount. To use this, you need to remove the wall mount first. Use a Phillips-head screwdriver to remove the wall mount from the camera (three screws in total). Gently pull the camera cable along the wall mount to remove.

**2.** Now you're ready to dismantle the ceiling mount. Unscrew the ceiling mount counter-clockwise from the cylinder pipe (the ceiling mount has an indent where the camera cable can be placed). To remove the camera mount from the cylinder pipe, unscrew each screw located on the cylinder pipe until you can remove the mount.

**3.** Drill a hole in the ceiling at the location you want to mount it then mark the mounting holes on the surface to position the screws (make sure the loca-

tion is rigid to prevent vibration). Using the appropriate screws for the surface you are mounting to, secure the ceiling mount in place.

**4.** Screw the cylinder pipe counter-clockwise to the ceiling mount and ensure the connection is secure.

**5.** Feed the cable through the top of the camera mount (put the video connection through first then the power and PTZ connections) then secure the camera mount to the camera using the three screws. Make sure the rubber seal is sitting flush within the groove of the camera casing.

**6.** Feed the camera cable through the cylinder pipe and ceiling mount and connect it to the provided video & power cable.

**7.** Place the top of the camera mount into the cylinder pipe then fasten each screw to secure the camera in place.