

# Installation Guide

PHD5N1



## Multi-configurable AHD / CVBS Camera Kit

1. Tag Mount Camera
2. Standard Front / Rear Camera
3. Flush mount Camera
4. Lip mount Camera
5. Blind Spot Camera

## Installation Notes

Camera housings use the same 4 screws for mounting the Standard housing back cover and Lip mount housing back cover.

The camera has a white dot on top indicating for top viewing angle.

The Flush mount housing uses a 25mm or 63/64" hole saw.

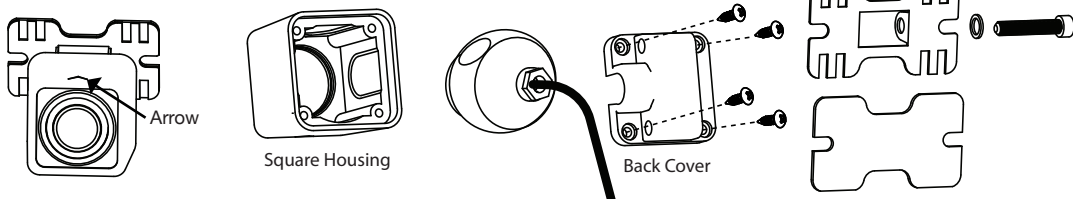
## Box Contents

- ▶ AHD / CVBS Camera (1)
- ▶ Standard Mount Housing with Hardware (1)
- ▶ Blind-spot Housing with Double-sided Tape (1)
- ▶ Lip Mount Housing with Hardware (1)
- ▶ Flush Mount Housing with Hardware (1)
- ▶ Tag Mount Bracket (1)
- ▶ Camera Extension Cable (1)
- ▶ Camera Power/Video Adapters (1)
- ▶ U-Shaped Camera Angle Adjustment Tool (1)
- ▶ Warranty Card

## Assembling The Cameras

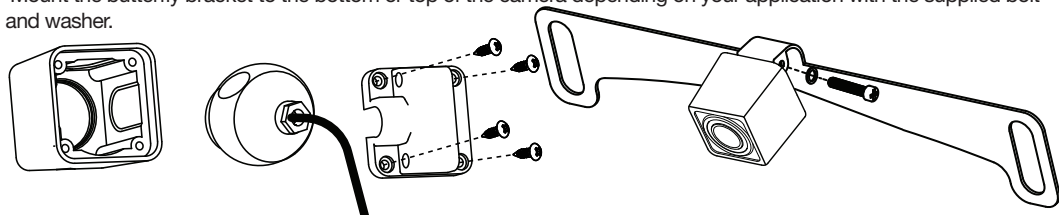
### Standard Camera:

Insert the camera into the square housing, Make sure the white mark on the camera is on the top where the arrow is on the square housing. Place the back housing over the camera cable and into the square housing. Secure the back housing with the 4 screws.



### Butterfly Mount:

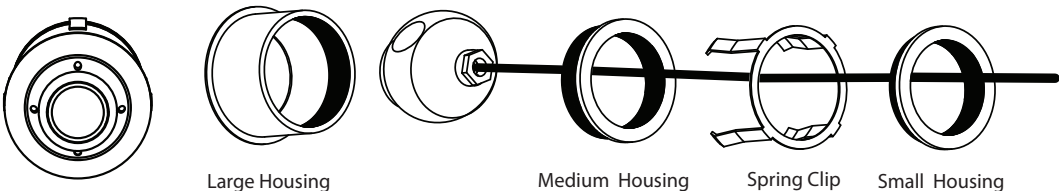
Mount the butterfly bracket to the bottom or top of the camera depending on your application with the supplied bolt and washer.



### Tag Mount (License plate):

Insert the camera into the square housing, Make sure the white mark on the camera is on the top. Place the back housing over the camera cable and into the square housing. Secure the back housing with the 4 screws.

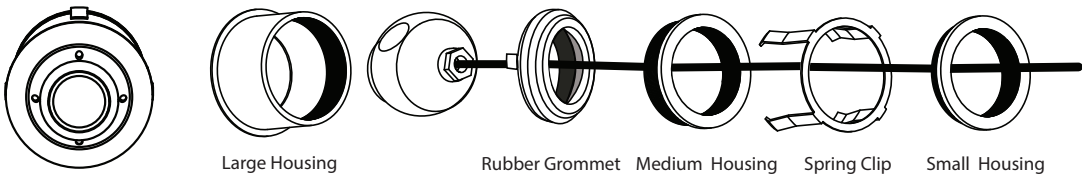
Mount the tag mount to the assembled camera housing with the supplied bolt and washer.



### Flush Mount Camera:

Insert the camera into the large metal housing. Insert the medium metal housing through the camera cable and onto the large metal housing. Tighten the medium metal housing by rotating it clockwise until tight. Slide the metal spring clip through the cable and over the large metal housing making sure the large clips are towards the front of the housing. Slide the small metal housing over the cable. Tighten the small metal housing by rotating it clockwise until tight.

# Assembling The Cameras Cont,



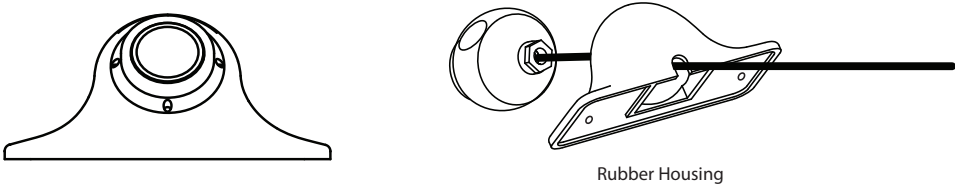
## Flush Mount Adjustable Camera:

Remove the large rubber grommet inside the metal housing. Insert the camera into the large metal housing. Insert the grommet over the cable and push it into the back of the metal housing, making sure the tapered part of the grommet is facing the front. Insert the medium metal housing through the camera cable and onto the large metal housing. Tighten the medium metal housing by rotating it clockwise until tight. Slide the metal spring clip through the cable and over the large metal housing making sure the large clips are towards the front of the housing. Slide the small metal housing over the cable. Tighten the small metal housing by rotating it clockwise until tight.



## Lip Mount Camera:

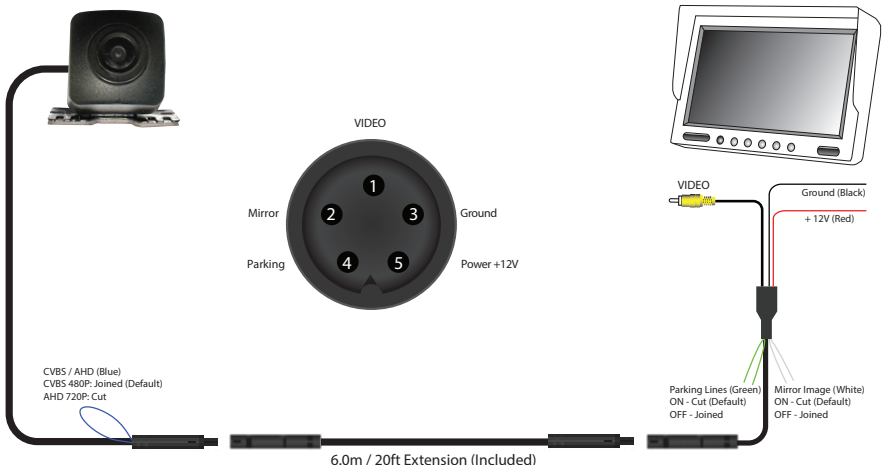
Insert the camera into the plastic housing. Make sure the white mark on the camera is on the top. Slide the back cover through the cable and to the back of the housing. Secure the back cover with the supplied 4 screws.



## Blind Spot Camera:

Slide the cable through the front of the rubber housing and out the bottom. Push the camera into the rubber housing.

# Wiring Diagram



# Camera Specifications

| PHD5N1                    |                      |
|---------------------------|----------------------|
| Sensor Type               | 1/4" CMOS            |
| LEDs                      | 0                    |
| Illumination              | 0.1 LUX              |
| Viewing Angle (Diagonal)  | 170 degrees          |
| Mirror Image (Selectable) | YES                  |
| Parking Lines             | YES                  |
| Water/Debris-Proof        | IP67                 |
| Audio                     | NO                   |
| Power Supply              | 9V-12V DC            |
| Current                   | 70mA                 |
| Working Temperature       | -30°C - +70°C        |
| System                    | NTSC                 |
| TV Lines AHD              | 720                  |
| TV Lines CVBS             | 480                  |
| Resolution (HxV)          | CVBS 480P / AHD 720P |



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