Illustra | PRO

Quick Start Guide (A163818TU8_B)

Pro Gen4 Multisensor Dome Conduit Adaptor Installation Guide

You can attach the conduit adaptor to the Pro Gen 4 Multisensor dome camera mounting plate and route **all cables** through the conduit adaptor.

In the box

- 1 x Conduit Adaptor
- 2 x T20 screws

Johnson Controls

Figure 1: PG4 Multisensor Dome camera parts

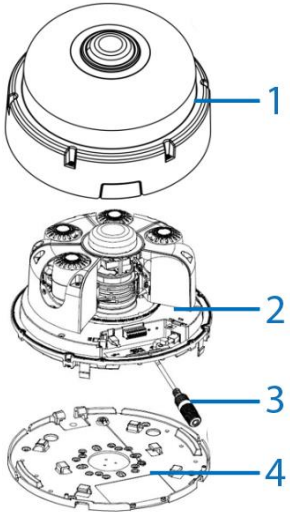

Figure 1

Table 1: PG4 Multisensor Dome camera parts descriptions

Number	Description
1	Camera Top Cover with Bubble
2	Camera Lens Module
3	Pre-Fitted RJ45 cable
4	Mount Plate

Attaching the conduit adaptor to the camera

1. Use the T20 Torx wrench to remove the 6 screws located on the camera top cover (1) (Figure 1) and then remove the camera top cover.
   The camera lens module (2) (Figure 1) is now exposed.
2. Use the T20 Torx wrench to remove the two screws (1) (Figure 2) on the camera lens module and remove the mounting plate (3) (Figure 1) from the camera lens module.
   Note: You may need to press the mounting clips (1) (Figure 2) to release the camera module.

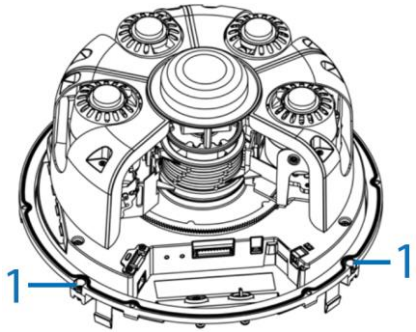

Figure 2

Attaching the conduit adaptor to the camera (continued)

3. Hold the mounting template sticker up to the surface and mark out four holes as per the instructions on the template sticker.
4. Drill four holes on the surface and insert the four screw anchors into the four holes.
5. If you are not using the cable side entry hole on the mounting plate, then cut out a cable hole on the surface as per the instructions on the template sticker.
6. Hold the mounting plate (3) (Figure 1) up to the surface and align the four holes on the mounting plate with the four holes on the surface.
7. Insert the four T4 self-tapping screws into the four holes and use the T20 Torx wrench to securely attach the mounting plate to the surface.
8. Hold the conduit adaptor (1) (Figure 3) up to the mounting plate (2) (Figure 3) and align the holes on the conduit adaptor with the holes on the mounting plate.
9. Insert the two T20 screws into the two holes and use the T20 torx wrench to securely attach the conduit adaptor plate to the mounting plate.

Attaching the conduit adaptor to the camera (continued)

Figure 3

10. Hold the camera lens module up to the mounting plate and insert the ‘loop’ on the safety lanyard (1) (Figure 4) that is attached to the mounting plate to the screw (1) (Figure 5) on the camera lens module.

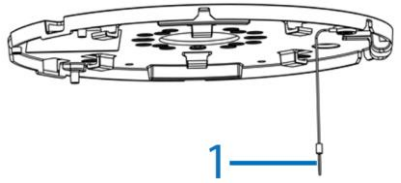

Figure 4

Attaching the conduit adaptor to the camera (continued)

11. Insert the ‘hinge pins’ (2) (Figure 5) on the camera module lens into the ‘hinge knuckle’ on the mounting plate. **‘3’ in Figure 7 identifies how the camera lens module and mounting plate attach together.**

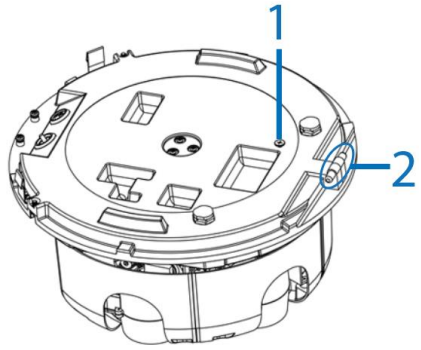

Figure 5

12. Pull all cables through the conduit adaptor.
13. Insert the RJ-45 cable (3) (Figure 6) into the insert tool (2) (Figure 6) remove the rubber grommet (2) (Figure 7) from the camera lens module.
14. Pierce the rubber grommet (1) (Figure 6) by passing the insert tool and cable through the center of the rubber grommet.

Installing the camera onto a wall or ceiling (continued)

15. Pass the insert tool and cable (1) (Figure 7) through the rubber grommet hole (2) (Figure 7) on the camera lens module.
16. Remove the insert tool, connect the RJ 45 cable to the camera lens module ethernet connector, and insert the rubber grommet into the camera lens module hole to prevent water/dust ingress.

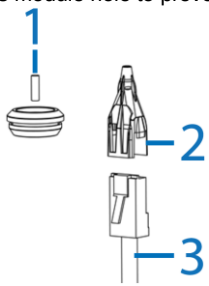

Figure 6

17. Snap the camera lens module into the mounting plate and secure the two screws on the camera lens module into the two holes on the mounting plate using the T20 Torx wrench.
18. Based on your needs, connect the power cable to the power port through one of the following options.
    - **POE 802.3bt Type 4 (90w) Class 8 (71.3W / 0.96A):** Connect an Ethernet cable terminated with a RJ-45 connector to the PoE RJ-45 port for both power supply and network connectivity purposes simultaneously.
    - **24V AC or DC (81W / 3.54A):** Connect a power cable that supplies 24V or DC power source to the power terminal.

Installing the camera onto a wall or ceiling (continued)

OPTIONAL: Insert audio in / out cables and alarm in / out cables to the corresponding terminals on the camera if required and plug in a micro-USB device to the USB port.
Note: The polarities should be matching when using 48V DC power source. It is recommended to connect external microphones to ground (GND) on the digital I/O connector.

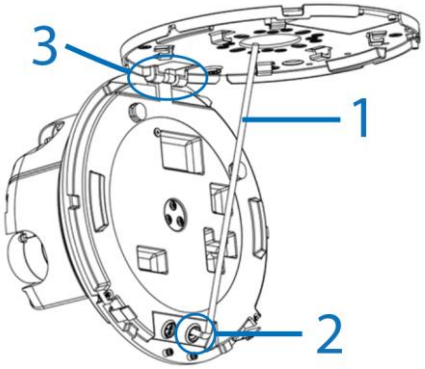

Figure 7

19. Hold the camera top cover (1) (Figure 1) up to the camera lens module and align the six holes on the camera top cover with the six holes on the camera lens module.
20. Insert the six screws and securely attached the camera top cover to the camera lens module.