tyco | Illustra

Quick **S**tart **G**uide

(8200-1984-01_B0)

Illustra Pro Gen2 12MP Fisheye camera
(P/N IPS12-F27-OI02)

In the box

- 1 x Illustra Pro Gen2 12MP Fisheye Camera
- 1 x Security Torx L-Key
- 1 x Mounting template sticker
- 1 x Adaptor plate
- 1 x Standoff ring
- 3 x '4.8x24.7mm' plastic screw anchors
- 6 x 'M4*8H' screws with flat spring and washer (Adaptor plate & Pendant)
- 6 x '8-32UNC*5/16H' screws (Standoff ring, 4s electrical box)
- 3 x M3 Self-tapping screws (without washer)
- 3 x M3 Standard screws (without washer)
- 1 x Printed Quick Start Guide
- 1 x 2 pin terminal block
- 1 x Desiccant bag
- 1 x 12cm/5" tape
- 1 x 'O' ring
- 1 x Rubber cable seal

Installation tools

- 1 x Screw driver
- 1 x Security Torx L-Key
- 1 x Drill

Johnson Controls

Quick reference

- Default IP: 192.168.1.168 (DHCP enabled)
- Default Username / Password: admin / admin
- Power: PoE or DC 12V

Note: To provide maximum protection against condensation, replace the desiccant bag each time the top cover is removed.

Figure 1: Pro Gen2 12MP Fisheye camera

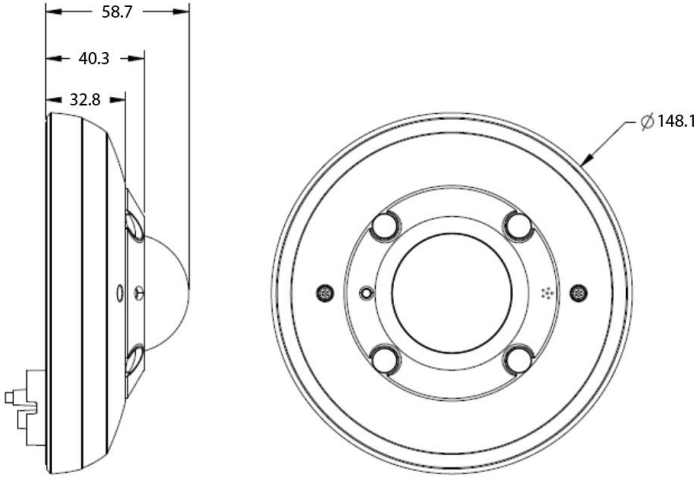

Figure 1

Mounting the camera to a wall and powering it up

1. Place the mounting template sticker on the wall.
2. On the wall drill two Ø 8.01mm holes and cut out an Ø 31.5mm cabling hole as per the markings identified on the mounting template sticker.
3. Insert the two '4.8x24.7mm' plastic screw anchors into the two Ø 8.01mm holes.
4. Use the Torx L-key to loosen the two screws (Figure 2) on the camera cover and remove the camera cover from the camera base.

Figure 2

Mounting the camera to a wall and powering it up (continued)

5. Insert the power cable through the cable hole and hold the camera base up to the wall and connect the DC 12V cable to a DC 12V terminal **or** connect the RJ-45 jack to a PoE compatible network device that supplies power through the ethernet cable.
6. Align the two holes on the camera base with the two holes on the wall, insert the two M3 self-tapping screws into the two holes and securely attach the camera base to the wall.
7. Remove the desiccant bag from its sealed bag and remove the protective membrane from the desiccant bag.
8. Insert the desiccant bag into the camera. See this location in Figure 3.
9. Hold the camera cover up to the camera base and align the two captive screws on the camera cover with the two threaded holes on the camera base.
10. Use the Torx L-key to secure the two camera cover screws (Figure 2) to the camera base.

Mounting the camera to a wall and powering it up (continued)

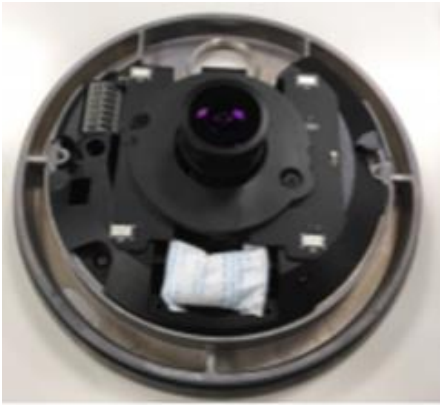

Figure 3

Mounting the camera to an electrical box and powering it up

You can mount the camera to a 4s electrical box, a single gang electrical box or a dual gang electrical box.

1. Remove the electrical box cover.
2. Hold the standoff ring up to the electrical box and align the four holes on the standoff ring with the four holes on the electrical box.
3. Insert four 8-32UNC*5/16H' screws into the four holes and securely attach the standoff ring to the electrical box.
4. Use the Torx L-key to loosen the two screws (Figure 2) on the camera cover and remove the camera cover from the camera base.
5. Insert the power cable through the cable hole on the standoff ring and hold the camera base up to the standoff ring and connect the DC 12V cable to a DC 12V terminal **or** connect the RJ-45 jack to a PoE compatible network device that supplies power through the ethernet cable.
6. Align the two holes on the camera base with the two holes on the standoff ring, insert the two M3 standard screws into the two holes and securely attach the camera base to the standoff ring.
7. Remove the desiccant bag from its sealed bag and remove the protective membrane from the desiccant bag.
8. Insert the desiccant bag into the camera. See this location in Figure 3.
9. Hold the camera cover up to the camera base and align the two captive screws on the camera cover with the two threaded holes on the camera base.
10. Use the Torx L-key to secure the two camera cover screws (Figure 2) to the camera base.

Mounting the camera to a tilt mount

IPFETILMOUNT (tilt mount) accessory is applicable with the camera. See https://illustracameras.com/accessories/ for further information.

1. Use the Torx L-key to loosen the two screws (Figure 2) on the camera cover and remove the cover from the camera base.
2. Insert the power cable through the cable hole on the tilt mount and hold the camera base up to the tilt mount and connect the DC 12V cable to a DC 12V terminal **or** connect the RJ-45 jack to a PoE compatible network device that supplies power through the ethernet cable.
3. Align the two holes on the camera base with the two holes on the tilt mount, insert the two M3 standard screws into the two holes and securely attach the camera base to the tilt mount.
4. Remove the desiccant bag from its sealed bag and remove the protective membrane from the desiccant bag.
5. Insert the desiccant bag into the camera. See this location in Figure 3.
6. Hold the camera cover up to the camera base and align the two captive screws on the camera cover with the two threaded holes on the camera base.
7. Use the Torx L-key to secure the two camera cover screws (Figure 2) to the camera base.

Mounting the camera to a wall mount or pendant cap

ADCiM6WALLWK (wall mount) and ADCi6DPCAPOW (pendant cap) accessories are applicable with the camera. See https://illustracameras.com/accessories/ for further information.

1. Hold the adaptor plate up to the accessory and align the four holes on the adaptor plate with the four holes on the accessory.
2. Insert four 'M4*8H' screws into the four holes and securely attach the adaptor plate to the accessory.
3. Use the Torx L-key to loosen the two screws (Figure 2) on the camera cover and remove the cover from the camera base.
4. Insert the power cable through the cable hole on the adaptor plate and hold the camera base up to the adaptor plate and connect the DC 12V cable to a DC 12V terminal **or** connect the RJ-45 jack to a PoE compatible network device that supplies power through the ethernet cable.
5. Align the two holes on the camera base with the two holes on the adaptor plate, insert the two M3 standard screws into the two holes and securely attach the camera base to the adaptor plate.
6. Remove the desiccant bag from its sealed bag and remove the protective membrane from the desiccant bag.
7. Insert the desiccant bag into the camera. See this location in Figure 3.
8. Hold the camera cover up to the camera base and align the two captive screws on the camera cover with the two threaded holes on the camera base.
9. Use the Torx L-key to secure the two camera cover screws (Figure 2) to the camera base.

Figure 4 and 5: Camera button / connections

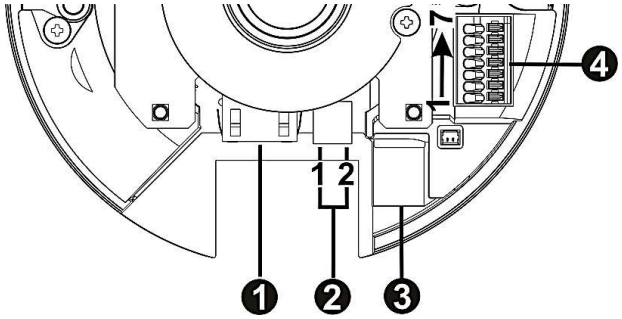

Figure 4

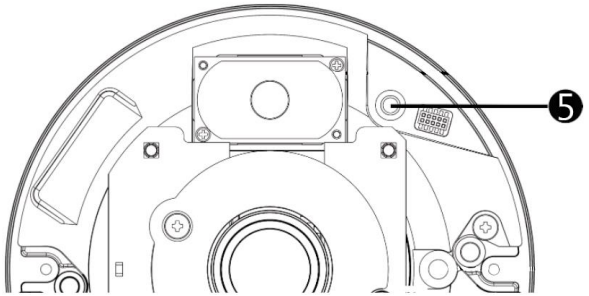

Figure 5

Table 1: Camera button / connection descriptions

Camera Part	Description	Comments
1	RJ-45 (PoE connection)	Network connection
2	Power (DC 12V power connection)	Power connection
3	microSD Card Slot	Insert the microSD card into the card slot to store videos and snapshots. Do not remove the microSD card when the camera is powered on.
4	Alarm & Audio I/O (Do **NOT** connect external power supply to the alarm I/O connector of the camera).	1 – Alarm out + 2 – Alarm out – 3 – Alarm In + 4 – Alarm In – 5 – GND 6 – Audio Out (Line Out) 7 – Audio In (Line In)
5	Factory default button	Press the button with a proper tool for at least 20 seconds to restore the system.

Inserting the cable through the cable seal

Where conduit is not being used, sealing the cables that are fed through the cable seal is required. This is to protect the camera and maintain camera performance. **Note:** The cable seal is located on the underside of the camera body.

Inserting the cable through the cable seal (continued)

1. Locate the rubber cable seal (Figure 6) on the underside of the camera body.

Figure 6

Note: There are three tubes on the cable seal, two closed and one open.

2. Insert the power cable through the 'open' tube on the cable seal.
Note: If additional cables are required then cut the top of the other two tubes and insert a cable into one or both tubes.
Note: Ensure that there are no gaps between the cables and the tubes.

Inserting the cable through the cable seal (continued)

3. To add further protection to the cable then use the self-fusing tape provided and wrap it around the point where the cable enters the tube.

Warnings

- This product is intended for professional installation, please follow local wiring regulations.
- This camera must be installed by qualified personnel and the installation should conform to all local codes.
- Do not replace batteries of the camera. Risk of explosion may occur if the battery is replaced by an incorrect type.
- To use an external power supply, please contact the camera manufacturer to confirm that the power supply complies with the LPS requirements and shares the same power specifications with the camera.
- Please use a DC 12V power adaptor and plug it to the camera and the power outlet. Alternatively, users can use an Ethernet cable and connect it to the RJ-45 connector of the camera and a Power Sourcing Equipment (PSE) switch.
- This product is intended to be supplied by a listed power adaptor or DC power source marked "L.P.S." (or "Limited Power Supply"), rated 12Vdc, 0.93A minimum or 48Vdc, 0.27A minimum (for PoE), Tma = 55 degree C minimum. If you need further assistance, please contact Dynacolor Inc. for further information.