

# **Tilt Mount Quick Start Guide**

**Illustra Pro 12MP Fisheye Camera**

**Illustra Pro 5MP Fisheye Camera**

**Illustra Pro Gen 2 12MP Fisheye Camera**

8200-1306-02 C0

## **Notice**

Please read this manual thoroughly and save it for future use before attempting to connect or operate this unit.

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## **Manufacture**

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## What is in the Box

The box contains the following items:

1. Tilt Mount IPFETILT MOUNT
2. Quick Start Guide 8200-1306-02 and Tilt Mount Mounting Template 3610-0619-01
3. Installation kit which contains the following items:

Part Number	Description	Qty
5810-4091-120	stap,4.2X32,PHP,S304,P,7981C	4
2880-0073-01	ANCH,TGL,NYLON,#8-#10SCR	4
2880-0050	ANCH,PL,W/O SCR1"L,#10-12	4
5801-1081-120	M3x16mm PHP screws	2

## Overview

The tilt mount is compatible with both 12MP Pro Fisheye indoor and outdoor cameras and Pro 5MP Fisheye indoor cameras.

The tilt mount has a tilt of between 5 and 20 degrees. You can use it with the following range of wall boxes:

- US Single Gang
- US Double Gang
- US Double Gang Wall Box
- US Octo Box
- Euro Box
- UK Single Gang Box

The tilt mount comes assembled with additional fixing screws and plastic wall plugs supplied. Tilt angles of 5, 10, 15 and 20 degrees are demarcated on the slot on the tilt base for ease of adjustment. You can perform assembly steps at the front of the camera so that disassembly of the mount is not required. The tilt mount is intended for both indoor and outdoor installation.

**Note:** The housing on the Pro 5MP camera is not waterproof. The Pro 5MP camera is intended for indoor use only.



**Figure 1.** Front view of mounted Fisheye camera



**Figure 2.** Internal view of tilt mount

## Mounting the 12MP Pro Fisheye Camera

To tilt mount the Illustra 12MP Pro Fisheye camera, complete the following steps:

1. To remove the front cover of the camera, use a Torx wrench to unscrew the two screws.



**Figure 3.** Site of screws on camera front cover.

2. Attach the camera base assembly to the tilt plate using the supplied screws.



**Figure 4.** Camera base assembly with tilt plate attached

3. Remove the plastic film from the lens.
4. Secure the camera base to the M3 threaded inserts that are fitted in the tilt plate, using the M3 fasteners supplied in the installation kit. Ensure that the camera is rotated to a horizontal plane and that it is centered on the tilt plate. Refer to Table 1 for information on securing the tilt plate to the wall box.



**Figure 5.** Screw sites on camera body

5. Thread the camera network cable into the opening on the back plate and align the top side of the camera with the top of the back plate. For the Pro 12MP Fisheye Outdoor camera, Illustra recommends sealing the cables as described in the *Illustra Pro 12MP Fisheye Quick Start Guide*.
6. To adjust the angle of the tilt on the tilt mount, loosen the locking screw at the bottom of the mount and slide the lock to the desired point on the slot. Tighten the locking screw when the tilt mount is at desired angle.
7. Replace the camera cover on the camera and secure it by tightening the two screws using the Torx wrench.

## Mounting the 5MP Pro Fisheye Camera

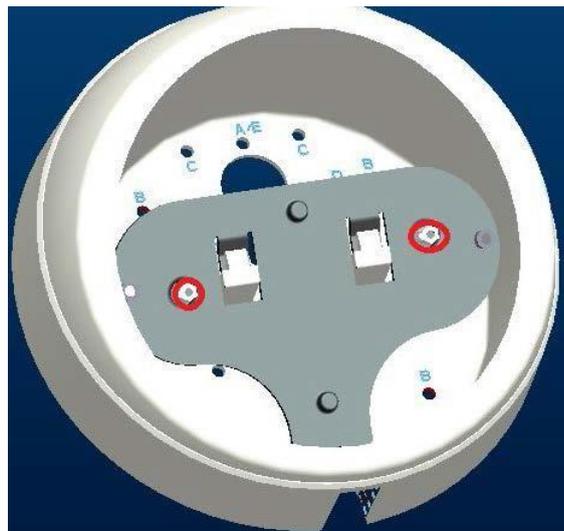
To tilt mount the Illustra 5MP Fisheye camera, complete the following steps:

1. Unscrew the two M3 x 10 hex standoff screws on the tilt plate, using a Torx wrench.
2. Unscrew the three screws on the camera front cover using a Torx wrench, and remove the camera front cover.



**Figure 6.** Site of screws on camera front cover

3. Thread the camera network cable into an opening on the back plate and align the top side of the camera with the top of the back plate.
4. Secure the camera base to the M4 threaded inserts that are fitted in the tilt plate, using the M4 fasteners supplied in the installation kit. Ensure the camera is rotated to a horizontal plane and that it is centered on the tilt plane. Refer to Table 1. Wall Box Information for information on securing the tilt plate to the wall box.



**Figure 7.** Camera base assembly with tilt mount attached

**Note:** Remove the two M3 Hex Standoffs, circled in red, before fitting the camera.

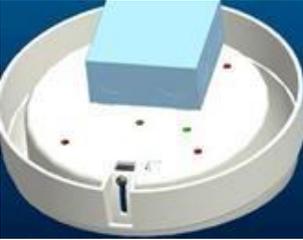
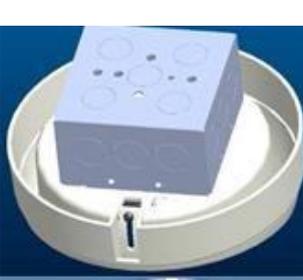
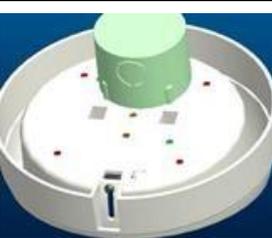
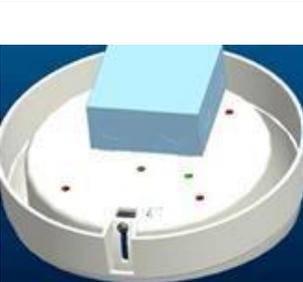
5. To adjust the angle of the tilt on the tilt mount, loosen the locking screw at the bottom of the mount and slide the lock to the desired point on the slot. Tighten the locking screw when the tilt mount is at desired angle.
6. Replace the camera cover on the camera and secure it by tightening the two screws using the Torx wrench.

## Wall Box information

Table 1. Wall Box Information describes how to attach the tilt plate to different wall box options. Figure 8 displays the location of the hole patterns.



**Figure 8.** Tilt Mount with hole patterns

Box Type	Description	Sample Image
US Single Gang Box	Remove the tilt plate for fitting. Use two screws to secure the tilt plate to the box. Use hole pattern A.	
US Double Gang Box	You do not need to remove the tilt plate. Use two screws from the four screws provided to secure the tilt plate to the box. Use hole pattern B.	
USA Double Gang Wall Box	You do not need to remove the tilt plate. Use two screws from the four screws provided to secure the tilt plate to the box. Use hole pattern F.	
Euro Gang Box	Remove the tilt plate for fitting. Use four of the screws provided to secure the tilt plate to the box. Use hole pattern C.	
US Octo Box	Remove the tilt plate for fitting. Use the two screws provided to secure the tilt plate to the box. Use hole pattern D.	
UK Single Gang Box	Remove the tilt plate for fitting. Use two of the screws provided to secure the tilt plate to the box. Use hole pattern E.	

**Table 1.** Wall Box Information

## IPFETILTMOUNT Illustra Pro Fisheye Tilt Mount Template

The tilt mount template below has been reduced 50%. The full size template document 3610-0619-01Illustra-FE-Tilt-Mount\_Template is included in the box and is available online.

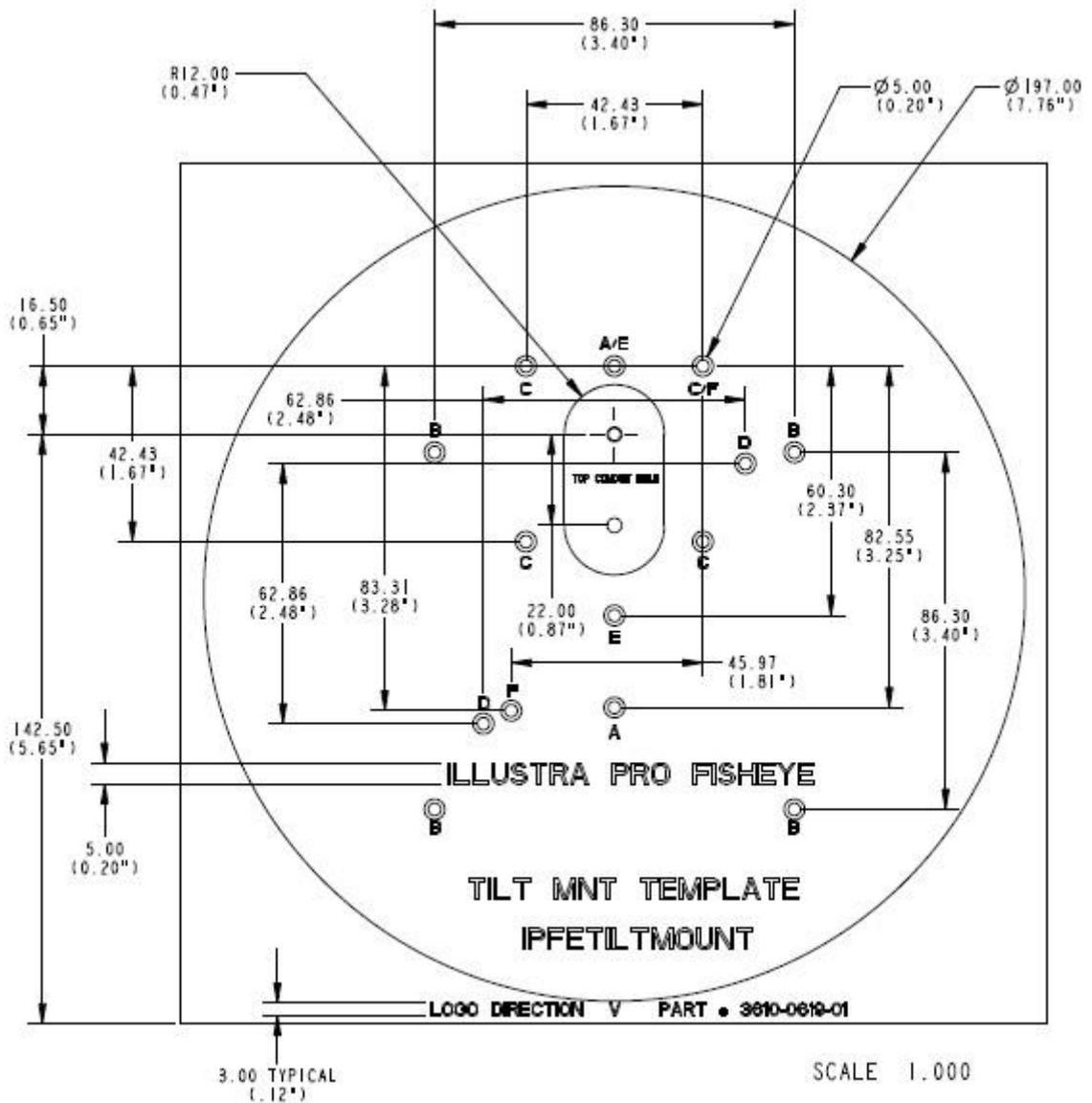


Figure 9 Tilt Mount Template