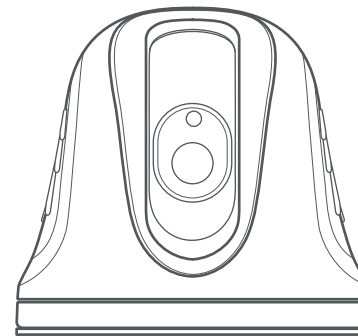


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Ulysses nano | C

Compact fix-viewed marine
colour camera

Quick Start Guide

Part No: ULS-N415C
Ver 2 Date: July 02, 2025

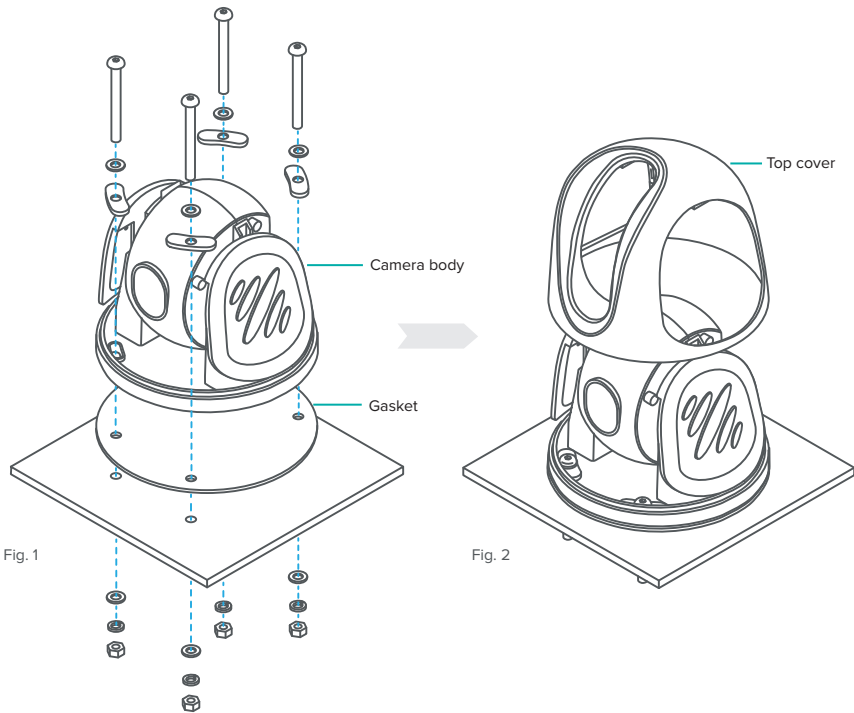
FC CE
infravision-tech.com

IMPORTANT: The Quick Start Guide is part of the complete documentation for your camera. Please visit Infravision Technology website to download the complete and latest user guide for your product.

Mounting the Camera

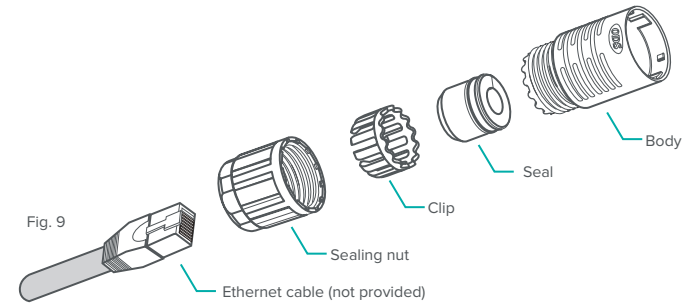
The Camera can be configured to be installed ball-up (upright) or ball-down (upside-down) position. But, first, identify and select a position with a clear line of sight to the intended observation area. The mounting location should also be secure and free from excessive vibration.

1. Using the Mounting Template or Mounting Decal provided, mark and drill the 0.24in (6mm) holes required for attaching the Camera.
2. Place the Camera base over the screw holes and secure the Camera with M5 screws, washers, spring washers, and nuts (Fig. 1). If using self-tapping screws, secure the camera with screws type #10 and washers (Fig. 3).
3. Take the harness from the base of the Camera, run it through the central hole, and connect it to an Ethernet cable.
4. Adjust the camera tilt angle to suit your view by manually tilting up / down the camera pod. The camera tilt can be manually adjusted -5° to 50° in ball-up position or -50° to 5° in ball-down position.
5. Install the top cover over the to the camera body to lock the tilt position (Fig. 2).



RJ45 Field Installable Connector

This connector is to ensure your RJ45 Ethernet connection on the camera end is water tight. The illustration below (Fig. 9) shows the parts breakdown. For detailed assembly instructions, download the RJ45 Field Installable Connector assembly guide from our website.



Change IP Settings

If you are unable to connect to the camera due to a different set of IP address, follow this step to configure the camera for Windows user.

1. Go to Settings, then click on Network & Internet.
2. Right-click on your Ethernet network that is connected to the Camera and click on Properties (Fig. 6).

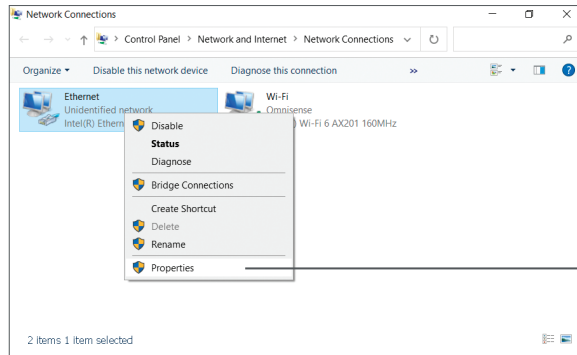


Fig. 6

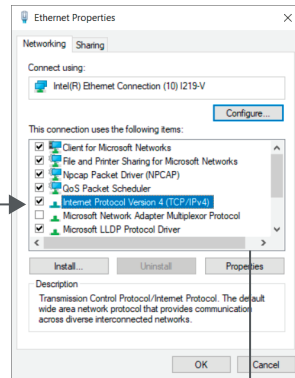


Fig. 7

3. On the properties screen, select **Internet Protocol Version 4 (TCP/IPv4)** and click on Properties (Fig. 7).

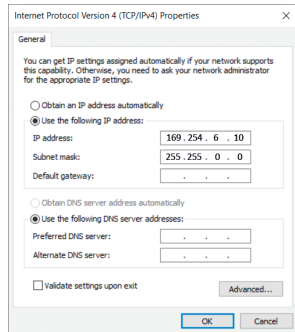


Fig. 8

4. On IPv4 properties screen, select **Use the following IP Address** option (Fig. 8).

5. Enter the following IP address: 169.254.6.xxx (any number except 225). As you can see in image (Fig. 8), the first 3 number sets (169.254.6) in IP Address field need to be the same as the Camera IP address. You can only change the last number set with any number from 1 to 254. Click in the Subnet Mask area, which should auto complete. Click OK.

6. Launch your web browser and enter the following address <http://169.254.6.225/> and login with the following:

Username: admin
Password: 12345

7. Full control of the camera can be accessed through the Web Interface. You can configure the IP address to connect to your MFD from the Settings menu.

Using Self Tapping Screws

If the camera is installed using self-tapping screws: Use the center hole on the Mounting Decal (Fig. 4) as a guide/pilot hole for the self-tapping screws. The recommended camera mounting self-tapping screw type is #10.

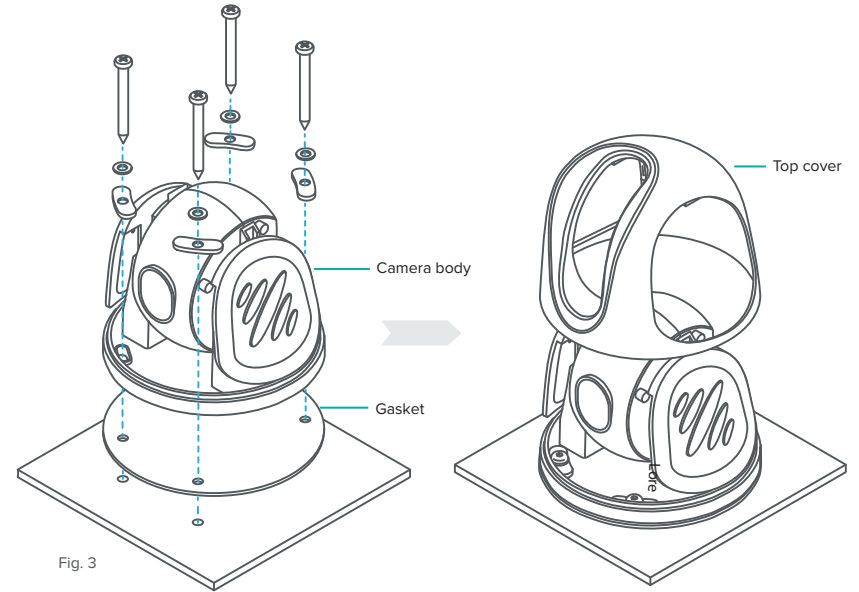


Fig. 3

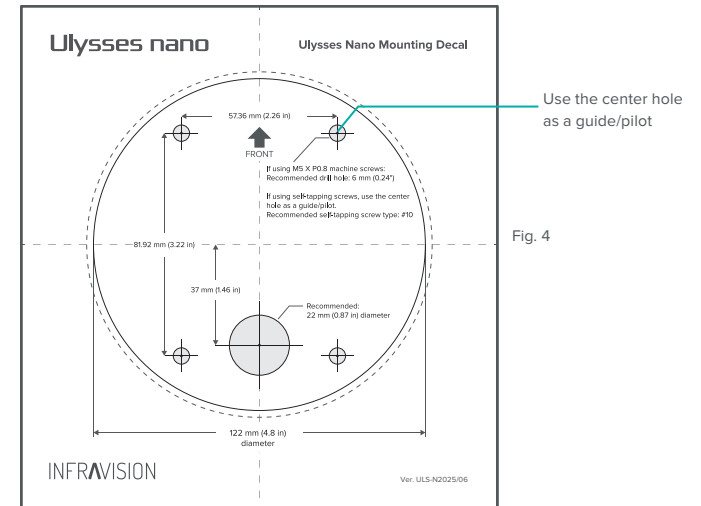
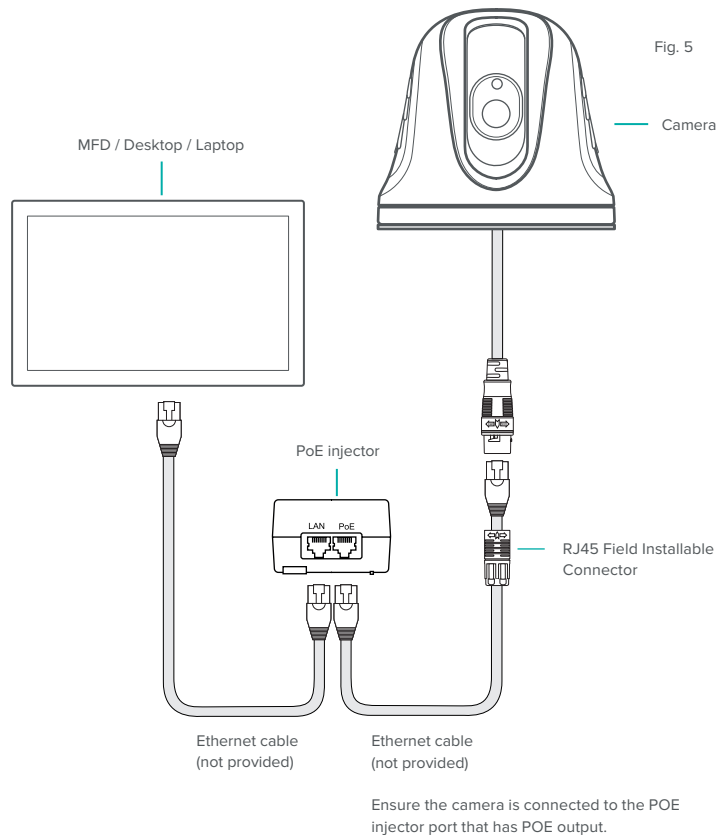


Fig. 4

System Layout and Connections

Before you commenced the installation, it is important to produce a schematic diagram (Fig. 5). The diagram should be handy for any future maintenance or upgrades to the system. The diagram should include the location of all components, cable types, routing and length.

This is the layout plan of how your Ulysses Nano C camera system will be set-up.



Connecting to your Display

You can choose to display and control your Ulysses Nano C using a supported MFD via IP (Ethernet) or Desktop / laptop.

1. Connecting to a MFD:

Connect the camera to an Ethernet cable from the respective port marked [PoE] on the PoE Injector. Then connect an Ethernet cable from the PoE Injector port marked [LAN] to a compatible MFD. The camera should work with Navico MFDs by default. You should see a Ulysses Nano C icon displayed on the MFD after powering up the MFD and the camera system. Launch the Ulysses Nano C icon to use the camera.

If you are utilizing a Furuno, Garmin, Raymarine or Humminbird MFD, it is necessary to set up the camera system to communicate effectively in the correct network environment. You can achieve this using a web browser.

2. Connecting to a laptop/desktop

Connect the camera to an Ethernet cable from the respective port marked [PoE] on the PoE Injector. Then connect an Ethernet cable from the PoE Injector port marked [LAN] to a compatible laptop or desktop. Next, on your web browser, enter the default IP address indicated at the base of the camera and log in with the following credentials:

Username: admin
Password: 12345

Full control of the camera can now be accessed through the Web browser.