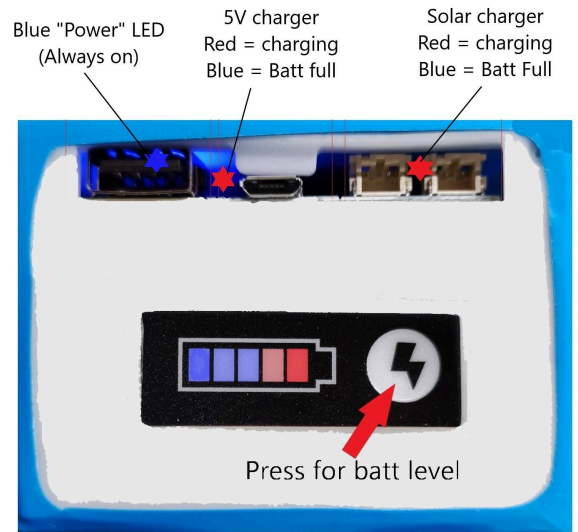


Odin Quick Start Guide

1. Fully charge the battery before use (**This can take up to 24hrs**). Any 5V USB-c power supply can be used.

A red LED light 'inside' the case means the battery is still charging. When the charger's red light turns blue the battery has fully charged. You can also press the button on the battery to quickly assess the battery level.

2. If you are using a solar panel, connect it and you will see a red LED light appear behind the 12V solar connectors. If this light turns blue the battery is fully charged. NOTE - The brightness of the red charge LED will depend on how much light your panel is receiving.



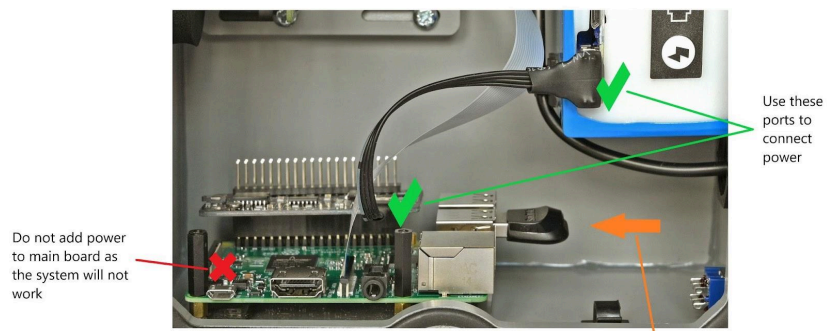
3. Insert your micro SD card into the supplied USB thumb drive. Any size card may be used, but a minimum 128GB or 256GB card is recommended due to the reasonably large image size created.

SD Cards must be in the "ExFAT" format. IMPORTANT - Only use quality branded, faster "U3" (or higher) cards. "High endurance" cards are also recommended if possible.

4. Insert your SD card thumb drive into the blue USB port on the rear of the main board.



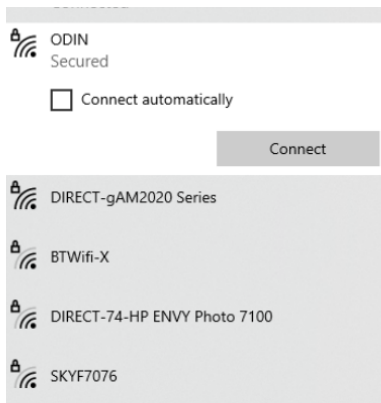
5. Insert the main power lead into the battery 5V USB port to power up Odin. As shown in this image.



6. Toggle the mode switch on the rear of the case from "run" to the "setup" position.

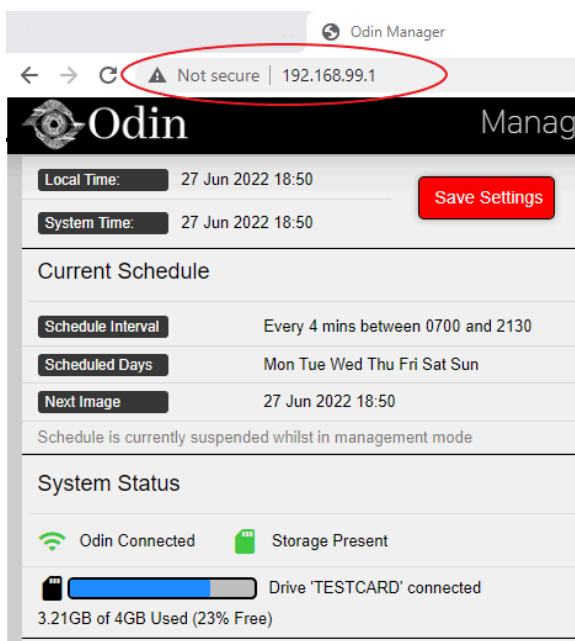
A constant red LED light on the circuit board to indicate it is now in "setup" mode ready to be programmed.

(If the system does not boot to the "setup" state, toggle the switch back down, wait 15 secs, then toggle switch back up again. Make sure you wait 15 seconds for the system to reset!)



7. Go to your laptop, tablet, or mobile device to find the “Odin” network listed under the available WiFi networks (The Odin network might take approx 30 secs to appear).

8. Sign in to the network and make sure you allow any requested permissions by your device. The default password is “**Password123**” (this may be changed by you at a later date).

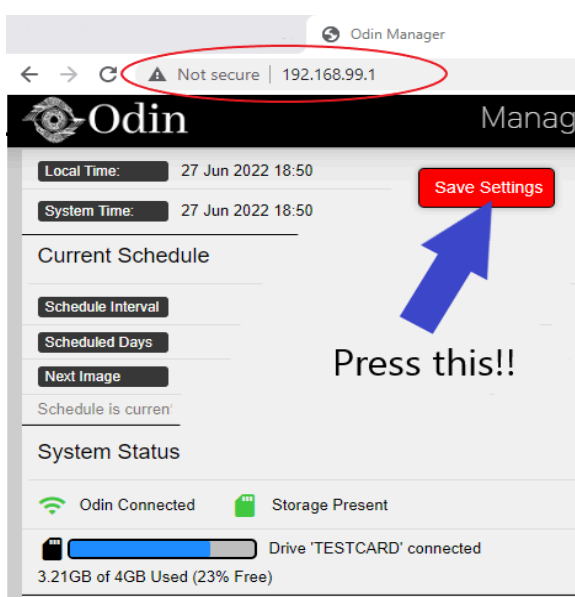


9. Once signed into the Odin network, go to your browser address bar and enter **192.168.99.1** to log into the Odin management interface. (Please only use Chrome, Safari, or Edge browsers to ensure compatibility).

The Odin manager UI (User Interface) will now appear in your browser. Please check :

A. You are connected to the camera as indicated by the green connected symbol.

B. Check your USB storage device is connected as indicated by the green symbol. The drive name will be shown (if you gave your SD card a name), plus the available storage space on your card.



10. You may now enter your desired interval, image, and schedule settings.

IMPORTANT - Remember to hit the “**Save settings**” button to save your settings to Odin.

You can double-check your interval and schedule settings are correct in the “Current Schedule” section. Once you are happy with all your settings you may now toggle the rear switch to the “Run” position to start recording.

The sequence that **MUST** be followed to ensure your time-lapse settings are correctly saved is:

Enter your settings



Hit the “Save Settings” button



Toggle the rear switch to the “Run” position to start recording

IMPORTANT - you must ALWAYS toggle the mode switch to “Run” to start your recording. Failure to do this important step will result in no images being taken.

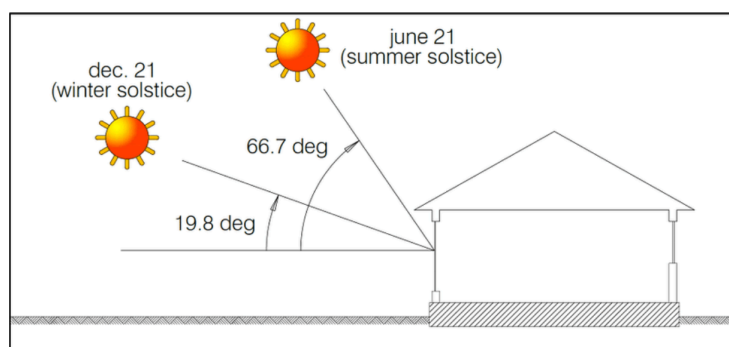
Ending your recording, or stopping midway to transfer images

1. Toggle switch upwards to the “Setup” position
2. (Wait 20 seconds) - You may now safely remove the USB thumb drive and transfer your image files to your computer for editing.
3. You may now log back into the Odin UI, just complete the above steps 7, 8 and 9.

You can download, and view images using the “download images” feature in the “utilities” section of the UI. It is not advised to download a large number of images as the transfer speed is relatively slow. Removing the SD card to transfer files to a laptop / PC is the fastest method.

Solar Panel Placement

When installing the solar panel, please ensure you direct the panel in a **SOUTH-facing** direction (for the northern hemisphere). A 30° to 40° angle is optimal for year-round efficiency. Try to place the panel in direct sun and avoid any broken light from trees or foliage.



If you use an Odin camera for many months, make sure you return to check the camera as often as possible. About 2 months is ideal to check:

- The solar panel is free from dirt and pointing in the optimal direction
- The lens is clear from dirt (use www.rainX.co.uk to repel water droplets, or dirt)
- Replace “Silica Gel” sachets to prevent any potential internal moisture buildup. These can be purchased cheaply via online stores, Amazon , ebay etc.

TIPS

Before deploying camera :

- Before using your Odin camera on an important project, we would advise you to do several test runs to check configurations and learn how to get the best results from the camera.
- Odin doesn't have an "off" switch, but you can put the camera into a very low power state by selecting a 6hr interval (or higher) in long-term mode which will conserve power until you're ready for camera deployment.
- Do not leave Odin in setup mode, or short-term mode as this will drain the battery quickly.

Entering your WiFi details :

- When entering your Wifi details in the UI, be careful not to have entered any accidental "spaces" before, or after, the SSID or password.
- Remember to "save" your Wifi details before trying the "test connection" button. Your Odin will not connect to the internet if you fail to save your wifi details first.

Closing up your case, ready for deployment :

- Make sure your lid is securely fitted for a waterproof seal. Do not overtighten the screws, finger tight is fine. Do not force any stiff screws as you may cross thread them.
- Do not set up the camera outside with the lid off. This may let moisture into the case and cause "fogging" (condensation) on the lens.
- Do not remove the silica gel packs from inside the case. Always replace these if they get wet, or damp.
- Odin can be closed up and sealed BEFORE deployment on site. You can deploy the camera fine as long as you've installed your SD card and left it in the low power state, as mentioned above.

Upon deploying camera :

- When deploying the camera on site, use the "live preview" in the Utilities section of the UI to frame your project. This is very helpful to get the camera positioned to your liking. Once happy with your framing, take a test picture to check exactly how your images will turn out.
- Always remember to "save" your settings if you change anything in the UI
- Always remember to toggle the switch to the "Run" position in order to start your recording.
- Once you have positioned your camera and are ready to start recording, use the Wifi "test connection" button in the Utilities section to check you have a good signal at your location. If you do not receive an update email, then you may be out of Wifi range, or have no 4G signal at that location.

Final check camera is running :

- Following on from the last point, if you have received an email update OK you can now leave the camera as it will continue recording with your inputted settings. Using this "test connection" button is a great way to check everything is correctly set and running before leaving the camera. Essentially, it's a final peace-of-mind email update before you walk away!

You can find a full PDF manual for download at www.chronosys.co.uk/support. You can also find video tutorials and how-to videos. If you still need any advice, please call us on 07771 752475.