

PRO WIRELESS NESTBOX INSPECTION CAMERA - 6B & Infra-red USER MANUAL – January 2026

MOUNTING the CAMERA: -



Standard Wireless Nestbox Inspection Camera screws onto painter's extension poles with 3/4" x 5TPI male thread. You can also order it to fit the **Alpha Pro** 2~20m long extension poles.

MOUNTING the BATTERY POUCH:

Using cable ties secure the Battery Pouch just below the threaded section near the top of your extension pole. Pouch can remain permanently on the pole. Extra batteries & pouches are available to fit out multiple poles & provide extended run-time.

POWERING UP the CAMERA:

Insert a charged *Smart Battery* into battery pouch. Plug the Camera's power cable into one of the full sized USB sockets on the top of the Smart Battery, hold down the **power button** on the side of the Smart Battery releasing it when the camera's illuminator lights up. The camera will now be transmitting live video. Four leds on *Smart Battery* indicate its state of charge. Close the pouch's velcro flap to secure the battery & protect the USB connector.

To Turn the Camera OFF – Hold down the **power button** on the Smart Battery until the camera's illuminator goes **OFF**. Alternatively, carefully unplug the camera's USB power cable from the Smart Battery (hold it by the plug- don't rip it out by the cable).

SMART BATTERY - charging procedure:

Full size **USB** sockets are **Power OUT only** and **CAN NOT** be used for charging.



- *Smart Battery's* **micro USB** socket is for charging
- Use a 5 volt/ 2-amp micro USB phone charger cable
- Follow safe charging procedures
- Charging is automatic; leds show charge status
- When fully Charged all 4 leds will remain lit
- Typical charge time is 3~4 hours
- Camera run - time < 7 hours on a full charge

Charge battery every 3 months - do not store for extended periods in a discharged state.

NO WARRANTY APPLIES FOR BATTERIES - CHARGERS or DAMAGE RESULTING FROM BATTERY FAILURE or INGRESS of WATER. CAMERA IS NOT SUBMERSIBLE

LCD-12 Video Monitor


Power up the Nest Box Inspection Camera before activating the LCD-Monitor this allows the monitor to automatically lock onto the Camera's wireless transmission at boot up.



Press the central release button on the Sun Shade and carefully fold it open.
Hold down button **6** on the LCD-12 Monitor - release it when the LCD screen lights up, generally this will take around 5 seconds.



Live video from the Nestbox Inspection Camera will be visible on the monitors screen, there is no audio.

Various information overlays are superimposed on the video picture.

In the top left of screen  camera icon denotes that monitor is in record **photo** mode. The text **MANU B8** tells you the monitor is tuned to frequency **B8**. Date and time information is located on the top right of screen. Across the bottom of the screen is **D1** & loop recording icon. **SD** card icon

 confirms that the SD card is installed & the free space available on the SD card. The battery icon displays the Monitor's internal battery state of charge .

Houston we have a Problem:

LCD-12 Monitor – NO SIGNAL MESSAGE

Screen shows static with a **No Signal** message flashing intermittently, there are **two** possible causes.

1. The LCD-12 monitor has been accidentally re-tuned to the wrong frequency

Solution:

Check the top left screen, the frequency indicator should display **B8**. If not use button **2** to reset the frequency to **B8**.

2. Your **Nestbox Camera is not powered** up so it is not transmitting a video signal for the LCD-12 monitor to receive




Solution:

Check that the Nest Box Camera is **ON**, its LED illuminator should be highly visible. If not maybe the **Smart Battery** has shut off due to low state of charge. Press the Smart Battery power button to see if it will power up. Replace it with a fully charged Smart battery.

CHANGING the RECORD MODE

Default setting is take **Photos**. To change to record **Video** mode, slide the **Function** switch, on the side of the monitor, **UP** to the **Video** position. The camera icon in top left of the LCD display screen will change to a *movie camera icon*.

CAPTURE A PHOTO or RECORD VIDEO: -

Press & release the **Photo** button **5** to capture a photo. In **Video** mode - recording starts when the **Photo** button is pressed and **REC** & a Timer is displayed the screen. To **STOP** recording & save the video file press  button **4**.

POWER OFF PROCEDURE: -

Hold down button **6** on the Monitor, release it when the screen goes black. Turn OFF Camera hold down the **power button** on the Smart Battery until the camera's illuminator goes **OFF**. Alternatively, carefully unplug the camera's USB power cable from the Smart Battery (hold it by the plug- don't rip it out by the cable).

Do not leave the Inspection Camera powered ON unnecessarily as it may overheat & damage the image sensor or LED illuminator.

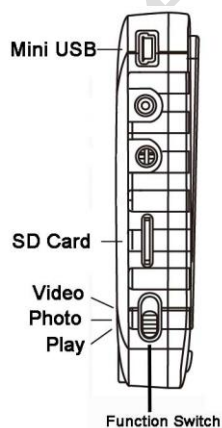
LCD-12 Monitor – CHARGING PROCEDURE



Turn **OFF** the LCD Monitor connect charger's **mini USB** output cable into the **mini USB** socket located on the side of the LCD-12 monitor.

- Switch on the charger
-
- Charge for a minimum of 4 hours

LCD-12 Monitor – DOWNLOADING PICTURES/ VIDEOS



Connect the LCD-12 to your PC using a USB-to-USB mini data cable. Turn **ON** the monitor, the "**USB Connect**" screen will be visible. Your PC will recognise the LCD-12 as an external "**Removable Disk**" storage device.

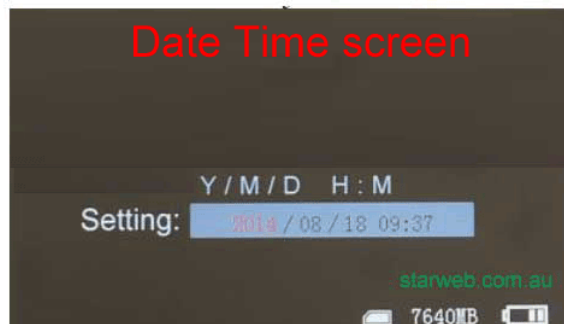
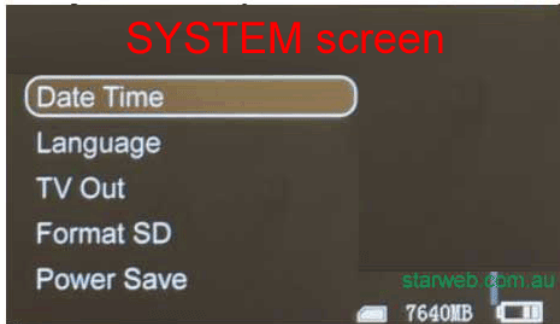
Open **File Explorer** on your PC, click on "**Removable Disc**" then open the folder "**DCIM**". The **PHOTO** and **RECORD** folders store the images & videos. File naming format is: year-month-day-time. Click on a file to preview it. Use **Copy/ Paste** commands to copy wanted files to your PC. Do not rename the files on the Monitor's "**Removable Disc**".

Be careful if removing/ refitting the Monitors micro sd card to avoid damage.

LCD-12 Monitor – Change Date & Time

Function switch (located on the side of the Monitor) must be in the **PHOTO** position.
Hold down the **POWER** button (6), release it when the LCD screen comes **ON** (about 4~6 seconds).

Press button 3, the **System screen** appears, press button 5 with **Date Time** highlighted press button 5 again to access the Date Time screen.



The display format is – Year – Month – Date – Hour – Minutes - Seconds. The editable option will be highlighted in red. Use buttons 1 & 2 to increase or decrease the count then press button 5 to accept the change & move to the next option. Repeat the procedure for all the options.

Press button 4 once to save the changes & then twice more to return to the home screen.

LCD Monitors are NOT WATERPROOF avoid water damage.

Led illuminator Dull or Not Working



The LED illuminator has a life expectancy of up to 50,000 hours, they are very reliable. If your LED illuminator becomes dull and ineffective or fails to light up at all then it requires service.

We will replace the LED Illuminator module on any camera less than 3 years old free of CHARGE.

Contact sales@starweb.com.au or phone 0400755431
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