

Nest Box Camera – Education Kit 7B Jan. 2026



For schools & outdoor wildlife educators

Inspire challenge and educate children with practical “hands on” activities.

Allows groups of around 10 students to view the live streaming video from the **Wireless Nestbox Inspection Camera** on the three LCD Video Monitors that are included.

SET UP PROCEDURE:

- Cable tie the battery pouch securely near top of your extension pole
- Ensure that the smart battery & LCD Monitors have been charged

Using the Inspection Camera:-



Screw the NestBox Inspection Camera onto your extension pole. Plug its USB power cable into a socket labelled **OUT** on the top of the Smart battery.

Press the small button on the side of the Smart battery - Camera will power up its white Led illuminator will be **ON**. To turn OFF press button again.

POWER UP CAMERA BEFORE any of the LCD MONITORS.



Carefully open the Monitor's sun shade, hold down **MENU** button, and release it when the screen comes **ON**.

Live video from the inspection camera should be visible on the LCD screen along with the following icons.

Battery 3 bars=100% charged
CH – B - 8 correct channel & frequency

LCD Monitor is NOT WATERPROOF
do not use it in the rain.

TO RECORD VIDEO:-

Press the **Rec** button. Red record icon flashes on the screen during recording. To end recording short press the **Rec** button.

TO TURN OFF THE LCD MONITOR:-

Hold down the **MENU** button, about 2 seconds, until the screen goes **OFF**.

TO TURN OFF THE INSPECTION CAMERA:-

On the side of the Smart battery, hold down the **Power** button, release when the white indicator leds on the battery or the Inspection Camera's white illuminator led goes **OFF**.

Alternatively you can carefully unplug the Inspection Camera's USB power cable from the top of the Smart battery. Grasp the plug do not pull it out by the cable.

TO DOWNLOAD VIDEOS:-

Eject micro SD card, by pressing it in about 3mm then releasing, it will spring out. Use a card reader to transfer or view the video files on a PC. Re install the micro SD card with its golds pins facing upward.

TROUBLESHOOTING:

LCD Monitor Poor or No video signal:

Make sure that the Inspection camera is ON. Most likely cause is that the monitor is no longer tuned to the correct band or channel.

Check the onscreen display it should read **CH -B - 8**. If not use the **Band+** button to select **CH-B** then use the **CH+** button to select **- 8**. Clear picture should now appear on the screen.

Make sure that the Smart battery pack & the LCD are fully charged prior to use and that both antennas are connected. Power up the Camera first then the LCD Monitor.

MAXIMISING FIELD RUN TIME

- Do not leave the inspection camera **ON** unnecessarily; either turn it **OFF** or unplug it from the smart battery
- Do not leave the LCD Monitor **ON** unnecessarily; turn it **OFF** when you have finished viewing the nest box video.

LCD-18 Monitor CHARGING PROCEDURE:

- Monitors must be switched **OFF** during charging
- Plug the charger into 240v ac. Its green indicator led will be visible. Connect the DC output plug into the socket on the side of the Monitor marked "**DC/+12V**".
- Charge indicator Led on the front of the Monitor (next to the AB0 is red during charging changing to green when the monitor is fully charged)
- Charge after use do not store Monitors with a flat battery

Smart - Battery CHARGING PROCEDURE:



Smart battery can be charged with a standard 5 volt/ 2 amp phone charger. You will require a **USB to micro USB cable**. Charging is automatic; four leds on the battery indicate its state of charge. Charge time is around 3~4 hours

CHARGING: Connect a 5 volt/ 2 amp phone charger to the **USB micro** socket labelled **IN** on the top of the Smart battery.

Note: the two full size USB sockets labelled "**OUT**" cannot be used for charging. They are only power out to the camera.

Precautions:

- Do not leave devices unattended while charging
- Do not place on dashboard of vehicle – to avoid overheating
- *Smart* batteries & LCD Monitors are not waterproof
- Switch Camera **OFF** when not in use to avoid overheating & possible damage.
- Switch Monitor **OFF** when not in use to conserve battery power.

Do not store devices in a discharged state for extended periods.

NO WARRANTY APPLIES TO BATTERIES or DAMAGE RESULTING FROM BATTERY FAILURE OR INGRESS OF MOISTURE.

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