

NANOCAM+^{PLUS}

USER MANUAL



Full HD Dash Camera with 3.2" IPS Screen



Connecting your drive.

NCP-150DVR

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1.0 CAUTION

- Ensure you are using your Dash Camera within your country's road laws. Please make sure you are familiar with your local road legislation before use.
- Leaving your car exposed to sunlight for extended periods of time with restricted ventilation can possibly damage the unit.
- Please set up the time and date before you use this device to record.
- The notifications given by the Dash Camera are suggestions only, please drive to the actual conditions.
- The system is to be used only for non-commercial use, within the limits permitted by your country's relevant laws.
- Avoid using the Dash Camera near any devices that emit radio interference (e.g. microwave ovens).
- It is considered normal operation for the Dash Camera to get warm during use.

NOTES ON INSTALLATION

- It is advised that the Dash Camera is installed near the rear-view mirror, at the top centre of the windshield for optimal operation.
- Make sure that the lens is within working range of the windscreen wiper to ensure a clear view when it rains.
- Do not touch the lens with your fingers. Fingerprints left on the lens will result in unclear videos or photos. If photos or videos are blurred, please clean the lens gently with a microfibre cloth.
- Only use the included cable to power the Dash Camera.
- The NCP-DVR150 is designed to be constantly connected to the included power supply, and is NOT designed to be used solely with the camera's built-in battery.

1.1 PRODUCT INFORMATION

For the latest manual and product updates please visit our websites:

www.nanocamplus.com.au or **www.nanocamplus.co.nz**

2.0 INTRODUCTION

Thank you for purchasing a Nanocam Dash Camera. Please read through the instructions before attempting to install or use this product.

This User Guide is designed to assist with the day-to-day operation of the NCP- DVR150.

Before attempting to use or install your Nanocam NCP-DVR150, please ensure you have read and understood all of the safety notes below:

- Do not expose your NCP-DVR150 to liquids, excessively dusty conditions or temperatures exceeding 60°C.
- Only use the included cables to power and charge the NCP-DVR150.
- Please do not attempt to adjust the NCP-DVR150's position or settings whilst you are driving your vehicle.
- Please clean the windshield thoroughly, removing all dust and dirt particles before fixing the adhesive mount.

- Since the mount sticks on the windshield with the 3M adhesive, please ensure that the camera is best located to capture the maximum view.
- We suggest you power-on the Dash Camera and test the playback image on screen prior to removing the 3M tape for installation.
- Only remove the 3M tape when you are satisfied that the Dash Camera placement and image position are delivering the best possible image and view of the road ahead.
- Ensure you are using your NCP-DVR150 within your country's road laws. Please make sure you are familiar with your local road legislation before use.

2.1 PACKAGE CONTENTS



NCP-DVR150
Dash Camera x1



3M Mount x1



Car Charger x1



Spare 3M
Adhesive x1

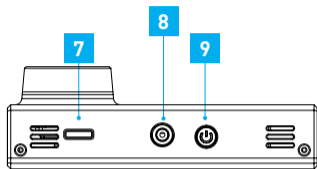
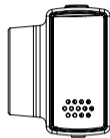
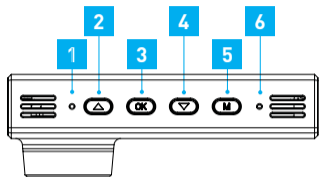


User Guide x1



Electrostatic
Film x2

2.2 PRODUCT OVERVIEW



1. Microphone
2. UP Button (also ON/OFF audio)
3. REC/OK Button
4. DOWN/LOCK/Display Switch Button
5. MENU/MODE Button

6. Reset
7. Mini USB Power Socket
8. Slot for affixing mount
9. ON/OFF Power Button
10. Recording LED Indicator

11. Display Screen
12. Micro SD card slot
13. Speaker
14. Lens

3.0 BUTTON FUNCTIONS

MENU & MODE BUTTON

When the device is not recording, press the M Button to switch between Video Mode / Photo Mode / Play Back Mode.

Press and hold the 'M' Button to enter into the menu settings.

OK BUTTON

Press the OK Button to start/stop video recording in Video Mode. (Please note, when connected to power and in Video Mode, the NCP-DVR150 will automatically start recording).

Press the OK Button to take a photo in Camera Mode.

Press the OK Button to play/pause the current video in Playback Mode.

POWER BUTTON

Press and hold the Power Button to Power Off the Device. Press once to switch the LCD Screen OFF, however the Dash Camera will continue recording.

LOCK & DOWN BUTTON

In the Settings menu use the Down Button to toggle between settings.

While the Dash Camera is recording, press the 'Lock' Button to lock the current file. Locking a file will prevent it from being recorded over during loop recording.

▲ UP BUTTON

In the Settings menu, use the Up Button to toggle between settings. Press the Up Button to turn the inbuilt microphone ON/OFF.

R RESET BUTTON

Press to reset to factory settings.

MIC MIC

Microphone Position

TF MICRO SD CARD SLOT

Please use Maximum 128 GB, U1 and above.

USB USB INTERFACE

Type-C USB socket to connect with Power Cable provided.

4.0 GETTING STARTED

4.1 INSERTING A MICRO SD CARD

With the Dash Camera turned off and the screen facing towards you, insert Micro SD Card (not included) in the slot on the right side of the NCP-DVR150 with the text on the Micro SD card away from you. Push the memory card in until a click is heard.

4.2 REMOVING A MICRO SD CARD

Ensure that the NCP-DVR150 is powered off, and with your thumbnail press in the Micro SD Card until a click is heard. The Micro SD Card will eject when released.

NOTE:

- Micro SD Card is not included.
- Do not remove or insert a Micro SD card while the Dash Camera is turned on as this may damage the Micro SD card or corrupt the card's stored data.
- Please use a U1 or higher rated Micro SD card with a maximum capacity of 128GB.
- Please format the Micro SD card before initial use. (See section 6.1 for instructions on Formatting your Micro SD card).
- When removing the Micro SD card, be careful as the card may eject quickly.

4.4 ADJUSTING THE ANGLE OF THE NCP-DVR150

1. Loosen the Angle Locking Nut on the mounting bracket, and adjust the vertical and horizontal angle of the camera.
2. Tighten the Angle Locking Nut to lock the position of the camera.



(Fig .1) Window Mount

4.5 CONNECTING TO POWER

Only use the included charger to power and charge the Dash Camera.

1. Once the Dash Camera is securely installed on your vehicle's windscreen, plug the DC Power Plug into your vehicle's cigarette lighter.
2. Run the power cable along the top and side of the windscreen and behind your glove box. Plug the Type-C USB plug into the Dash Camera and the DC Power Adaptor into your cigarette lighter port. (See Fig 1 on page 14.)

NOTES:

- It is recommended that the Dash Camera is installed behind your vehicle's rear-view mirror.
- Make sure that the Dash Camera's view is not obstructed by any window tint or any other objects.
- The NCP-DVR150 is designed to be constantly powered by the included DC Power Plug.

It is highly recommended you format your Micro SD card the first time it is inserted. Please follow the Micro SD card Formatting instructions on page 18 Section 6.1.

4.6 LED INDICATOR

- A flashing blue light indicates recording is in progress.

NOTE:


- The NCP-DVR150 is designed to be constantly powered by the included DC Power Plug.

5.0 POWERING ON/OFF


5.1 AUTO POWER ON/OFF

When the Dash Camera is correctly installed and connected to your vehicle's power supply, the Dash Camera will automatically power up and start recording when the vehicle accessories are activated.

5.2 MANUAL POWER ON

Hold the  Power Button on the upper right hand side of the camera until the Nanocam+ start up screen appears.

5.3 MANUAL POWER OFF

Make sure that recording has stopped and then press the  Power Button. After powering down the device, please wait for 10 seconds before turning the Dash Camera back on.

5.4 RESETTING THE DASH CAMERA

If the Dash Camera does not function normally, try restarting the Dash Camera. To restart the Dash Camera, using a small pin, press and hold the Reset button on the bottom side of the camera.

6.0 INITIAL SETTINGS

Before using the Dash Camera we recommend formatting a Micro SD Card and setting the correct Time and Date.

6.1 FORMATTING A MICRO SD CARD

Formatting the Micro SD card will delete all information on the inserted Micro SD Card and prepare the card for use with the Dash Camera.

1. Press the Button to stop the Dash Camera from recording.
2. Press and hold the Button to enter the Settings Menu.
3. Use the and Buttons to navigate the Settings Menu and highlight the Format setting, then press to select.
4. Select SD Card and press the Button.
5. Press the Button to confirm.

NOTES:

- Menus cannot be accessed while the Dash Camera is recording. Please stop the recording before attempting to access the menu.
- Formatting your Micro SD Card will delete all files from the card. Once these files have been deleted you will not be able to recover them.

7.0 SETTING THE TIME AND DATE

Setting the Time and Date allows you to stamp your footage with the time and date as a reference. Date and time stamps are important, especially when using your footage in an insurance claim.

1. Press the Button to stop the Dash Camera from recording.
2. Press and hold the Button to enter the Settings Menu.
3. Use the and Buttons to navigate the Settings Menu and highlight the Date/Time setting and press the right Button to select.
4. Use the and Buttons to edit the selected digit and the right button to confirm and progress to the next digit. The final field will set the format that the date will be presented in, and pressing the Button with this field highlighted will save the date and revert to the settings menu.

NOTES:

- Menus cannot be accessed while the Dash Camera is recording. Please stop the recording before attempting to access the menu.
- Once the time and date is set, it can be stamped onto your footage using the Date Stamp setting.

8.0 VIDEO MODE

When the Dash Camera is powered ON the video screen will start by default. In this screen, recording will automatically start and can be stopped by pressing the Button. To access the Video Menu, ensure that the Dash Camera is not recording then press and hold the Button.

9.0 INTERFACE

9.1 VIDEO MODE



1. **Video Mode:** number 3 shows the loop recording duration in minutes.
2. **Resolution:** 1080 FHD Video Recording Resolution.
3. **Duration:** (example: 00:00:01) Loop Recording timer and also indicates if the Dash Camera is recording when highlighted red.
4. **Date:** (example: 01/01/2021)
5. **Time:** (example: 00:00:01)
6. **Motion Detection:** displays Motion Detection.
7. **G-Sensor:** the highlighted bar indicates the sensitivity of the G-Sensor with 1 Bar indicating Low Sensitivity.
8. **Micro SD Card:** indicates inserted Micro SD Card.
9. **Battery:** indicates battery level.
10. **Microphone:** turns microphone on or off.
11. **Recording Start/Pause Button:** press this button if you want to manually record, or pause the recording.
12. **Lock File:** current Recorded File Locked indicator.
13. **Menu Operation Button:** press and hold to access the menu.
14. **License Plate:** will show your License Plate and stamp your footage with your License plate details.

9.2 SETUP MENU

1. Press to stop recording.
2. Press and hold the Button to enter into the Settings Menu.
3. Press the and Buttons to select the setting you wish to change.
4. Press Button on your selected option.
5. The new settings will be shown on the top right of the screen and also on the selected setting icon.

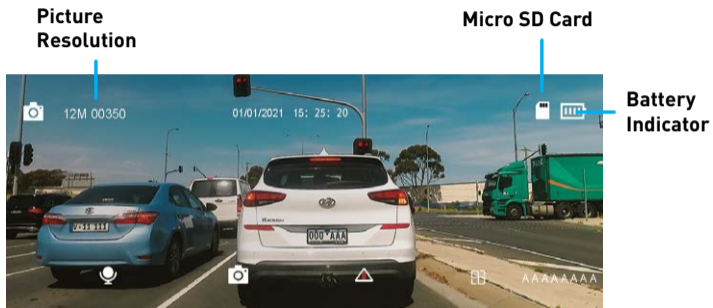
10.0 VIDEO MENU

Menu	Setting Options	Description
Resolution	1080P FHD 720P HD	Please note, higher resolution gives your footage more detail but uses more storage space. Lower resolution saves storage space. Default: 1080P (Applies to front camera).
Loop Recording	1 , 3 or 5 Minutes	Loop Recording defines the length of time the unit records before creating a new file. Default: 3 Mins
Photo Resolution	2M 1920 x 1080	Higher resolution gives your footage more detail but uses more storage space. Lower resolution saves storage space. Default: 2M High resolutiion photo

Menu	Setting Options	Description
Park Mode		Requires a 3-wire wire hardwire kit. When park mode is turned on and the car detects the engine is off, it enters in-to stand by state, it will be turned on and record video when collision occurs. Default : Off
Time-lapse On/Off	OFF/1s/2s/3s	This menu will appear after connecting a 3-wire wire hardwire kit. When time lapse mode is turned on (1S/2S/3S) and the car detects the engine is off, the recording will be done in time lapse mode. This is to save memory space when the car is parked. Default : 1s
Time lapse duration	OFF/12H /24H/48H	This menu will appear after connecting a 3-wire wire hardwire kit. To select the duration of the time lapse mode when the car is parked . Car will stop recording after the time lapse duration . If set to OFF, the time lapse mode will remain on until ignition is turned off. Default 24 H
Date/Time	Set Date and Time	Use the Up/Down and OK buttons to enter the date and time (24hr clock) to stamp onto your footage. Once you have finished use the Menu button to save and return to the Settings Menu.
G-Sensor	Off / Low /Medium / High	Adjust the sensitivity of the G-sensor. High is the highest sensitivity and Low is the lowest. Default: Low
Motion Detection	Off / On	The Dash Camera will stop recording if it doesn't detect any motion and will immediately start recording if it detects motion. Default: Off
Number Plate Stamp	Input Number Plate	Input your car number plate and it will be stamped on the recorded footage.

Menu	Setting Options	Description
Date Stamp On	Off / On	Select On/Off to have the date and time stamped on the recorded Video. Default: On
Microphone	Off / On	Turning this setting off mutes the built in microphone. Default: On
Beep sound	Off / On	Mutes control for Button beeps. Default: On
Auto Display Off	Off / 1 min / 3 mins / 5 mins	Auto Screen Saver setting determines the amount of time before the display screen turns off. (Unit will keep on recording even when the display is Off). Default : Off
Flicker	50Hz / 60 Hz	Screen Hz setting. Default: 50 Hz
Format	Cancel / OK	Format the inserted Micro SD Card, deleting all photos, videos and data.
Default Setting	Restore factory settings	Cancel / OK.
Version	OK	Displays the installed firmware version.

11.0 PICTURE MODE



12.0 PLAYBACK



1. Press the Button once to stop recording.
2. Press Button twice to enter Playback Mode.
Press again to enter into Normal video /Event video /Photo playback
3. Press and Buttons to select the desired file to be played back.
4. Press the Button to Playback the selected video file and then press again to pause.

13.0 WARRANTY TERMS & CONDITIONS

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. This warranty is provided in addition to your rights under the Australian Consumer Law.

Directed Electronics Australia Pty Ltd (Directed Electronics) warrants that this product is free from defects in material and workmanship for a period of 12 months from the date of purchase or for the period stated on the packaging. This warranty is only valid where you have used the product in accordance with any recommendations or instructions provided by Directed Electronics.

This warranty excludes defects resulting from alterations of the product, accident, misuse, abuse or neglect. In order to claim the warranty, you must return the product to the retailer from which it was purchased or if that retailer is part of a National network, a store within that chain, along with satisfactory proof of purchase. The retailer will then return the goods to Directed Electronics.

Directed Electronics will repair, replace or refurbish the product at its discretion. The retailer will contact you when the product is ready for collection. All costs involved in claiming this warranty, including the cost of the retailer sending the product to Directed Electronics, will be borne by you.

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13.1 INDEMNITY

You agree to defend, indemnify and hold harmless Nanocam+ and its subsidiaries and affiliates from and against any and all claims, proceedings, injuries, liabilities, losses, costs and expenses (including reasonable legal fees), including but not limited to, claims alleging negligence, invasion of privacy, copyright infringement and/or trademark infringement against Nanocam+ and its subsidiaries and affiliates, relating to or arising out of your breach of any provision of these terms, your misuse of Nanocam+ products or its services, or your unauthorised modification or alteration of products or software.

13.2 WARRANTY AND WARRANTY DISCLAIMER

Nanocam+ has a limited warranty, whereby Nanocam+ warrants to you and only to you that this Nanocam+ product will be free from defects in materials and workmanship for one (1) year from the date of your purchase (unless a longer warranty period is required by law).

To the extent possible under governing law, other than the above product warranty for the Nanocam+ product you understand and agree that the Nanocam+ products and services are provided on an “as is” and “as available” basis. Nanocam+ makes no warranty that the Nanocam+ products and services will meet your requirements or that use of the Nanocam+ products and services will be uninterrupted, timely, secure or error-free. Nor does Nanocam+ make any warranty as to the accuracy or reliability of any information obtained through

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statutory, regarding the Nanocam+ products and services, including any implied warranty of title, merchantability, fitness for a particular purpose, or non-infringement of third-party rights. Because some jurisdictions do not permit the exclusion of implied warranties, the last sentence of this section may not apply to you.

Nanocam+ hereby further expressly disclaims all liability for any claims for service failures that are due to normal product wear, product misuse, abuse, product modification improper product selection or your noncompliance with all applicable federal, state or local laws. This warranty and warranty disclaimer give you specific legal rights, and you may have other rights that vary by state, province, or country. Other than as permitted by law, Nanocam+ does not exclude, limit or suspend other rights you have, including those that may arise from the nonconformity of a sales contract. For a full understanding of your rights, you should consult the laws of your state, province, or country.

13.3 LIMITATIONS OF NANOCAM+ LIABILITY

Under no circumstances will Nanocam+ be liable in any way for any content, including, but not limited to, the loss of content, any errors or omissions in any content, or any loss or damage of any kind incurred in connection with use of or exposure to any content posted, emailed, accessed, transmitted, or otherwise made available via Nanocam+. Nanocam+ liability for damages, especially for breach of duty or obligation, delay in performance, non-performance, or malperformance shall be precluded, except when these are due to negligent breaches of any significant contractual duty or obligation on the part of Nanocam+. Any liability for negligence is limited to direct losses usually and typically foreseeable in such case.

Should the claim for damages be based on wilful or grossly negligent breach of contractual duty or obligation on the part of Nanocam+, the preclusion and limitation of liability mentioned in the preceding sentences will not apply. The preceding preclusion and limitation of liability will also not apply to claims for damages arising out of loss of life, bodily injury or health impacts for which Nanocam+ may be liable, or for non-contractual liability.

Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Additionally, this provision is not intended to limit Nanocam+'s liability in the event of Nanocam+'s wilful or intentional misconduct.

14.0 NOTES

Connecting your drive.

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