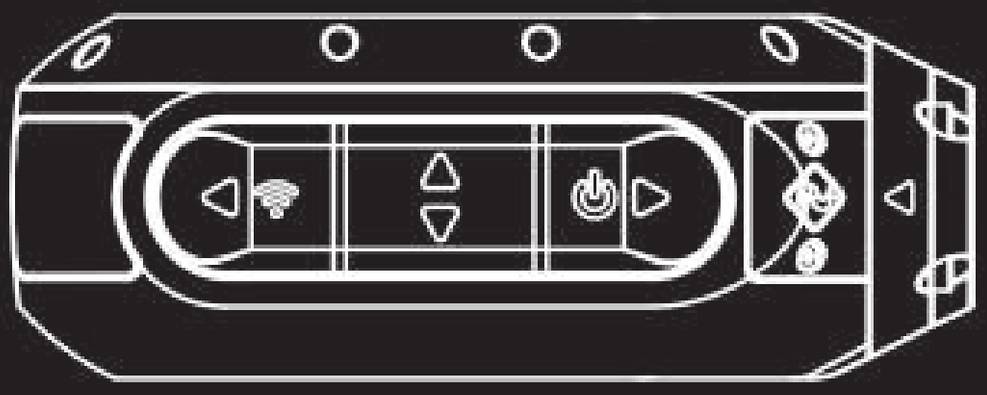
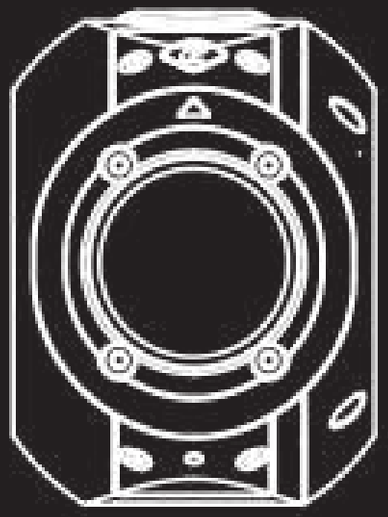
GHOST XL PRO

Quick Guide







Thank you for purchasing the Drift Ghost XL Pro

CUSTOMER SUPPORT

Download the full manual and check our official website for firmware updates, customer support, and info on all of our products.
https://driftinnovation.com/

If you have any suggestions, comments or concerns; please contact our customer support team at:
support@driftinnovation.com

WARRANTY

Warranty does not apply if the product is damaged due to physical abuse, mishandling, accident, fire, frostbite, water damage, negligence or failure to follow the supplied operating instructions. For more information on warranty, see:
https://driftinnovation.com/warranty

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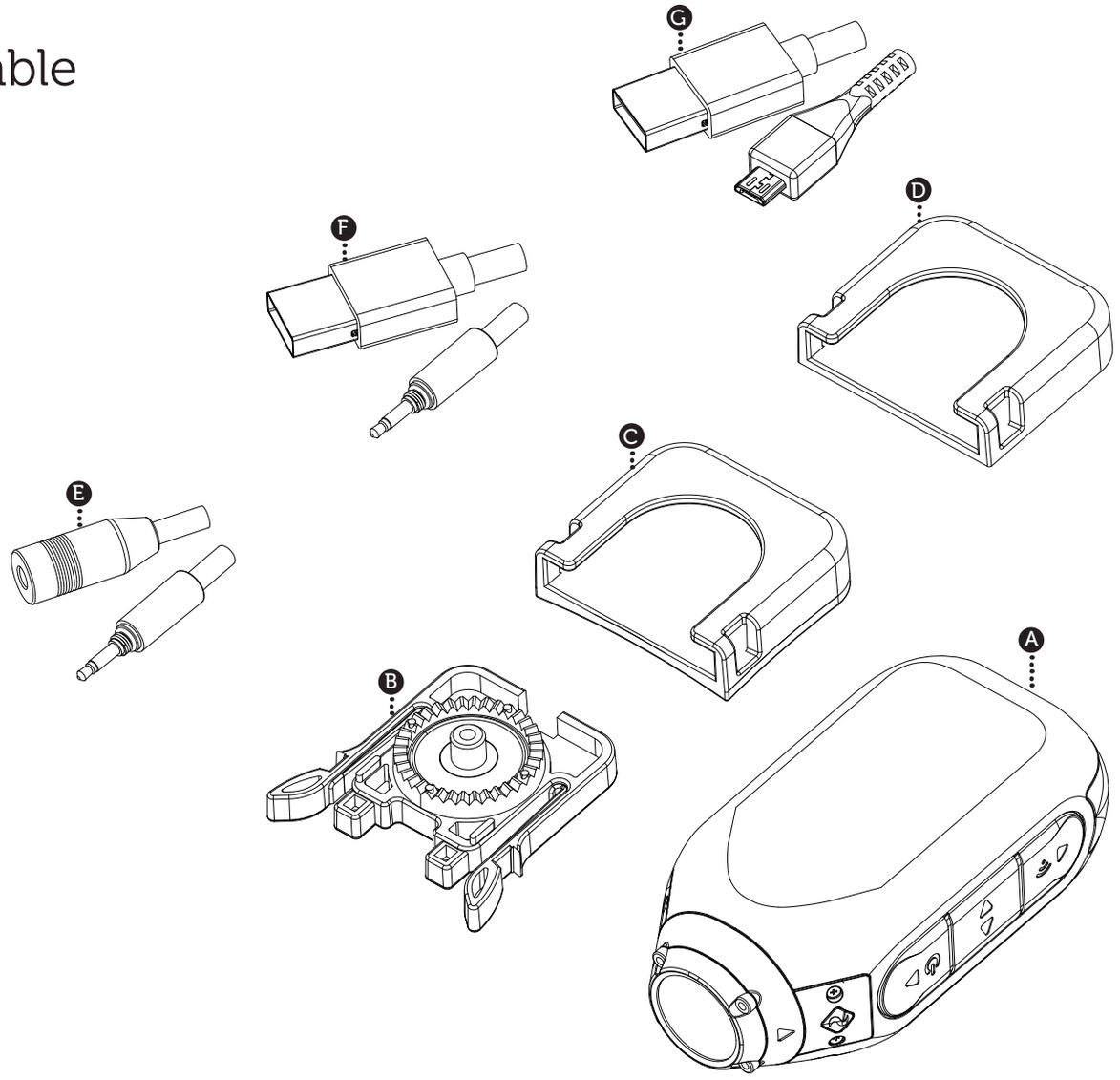
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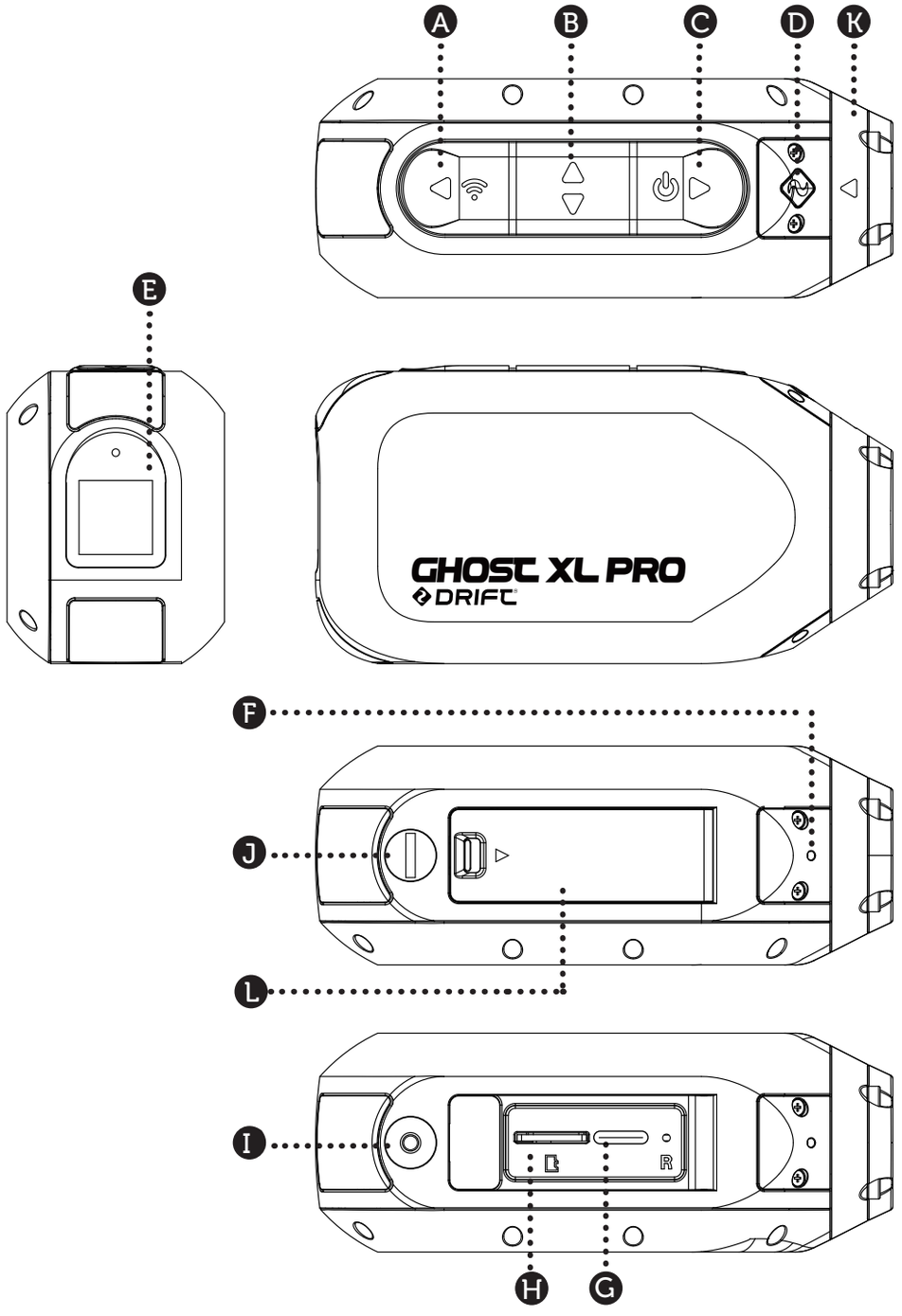
PACKAGE CONTENTS

- Ⓐ Ghost XL Pro
- Ⓑ Universal Clip
- Ⓒ Curved Adhesive Mount
- Ⓓ Flat Adhesive Mount
- Ⓔ TRS-Audio Adaptor Cable
- Ⓕ TRS-Power Cable
- Ⓖ USB Cable



ABOUT YOUR CAMERA

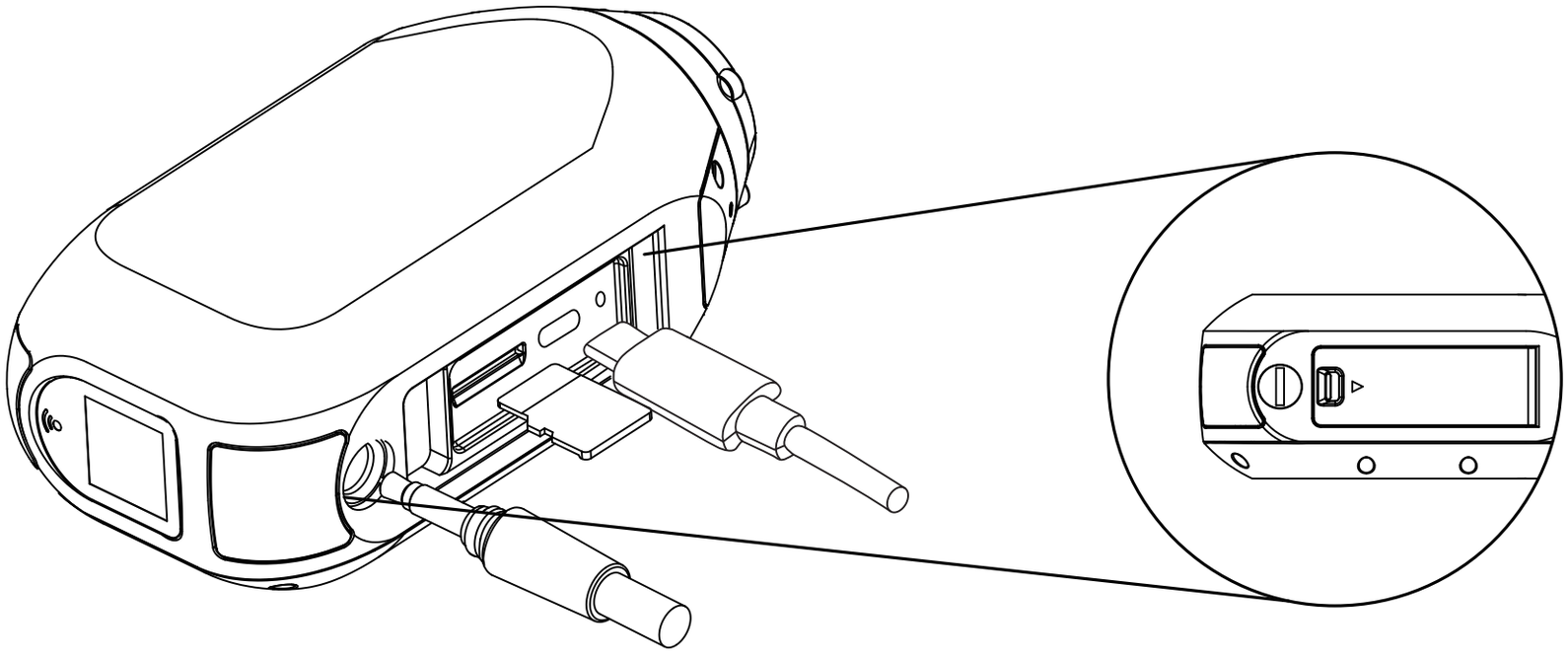
- A Rear Button
- B Middle Button
- C Front Button
- D Status LED
- E Rear Screen
- F Microphone
- G Type-C USB Port
- H Micro SD Card Slot
- I External Mic/Power Connector
- J External Mic/Power Cover
- K Rotating Lens
- L Memory Card and USB Door



INITIAL SETUP

Open the Memory Card and USB door.

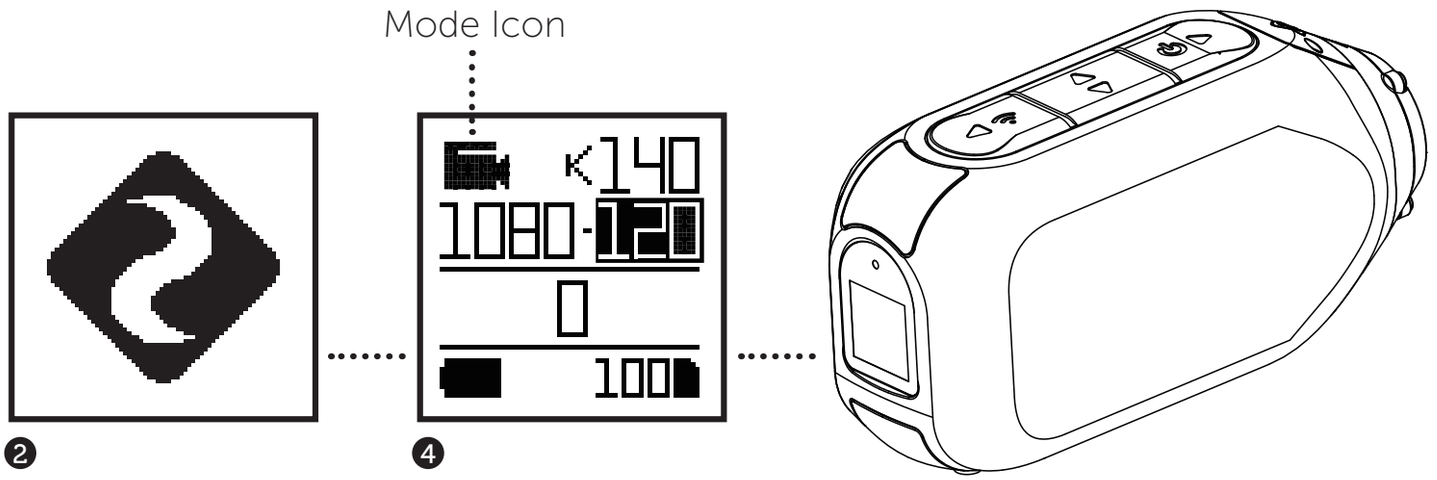
1. Insert a Class 10 or higher microSD/HC/XC card (up to 256GB). Format before first usage!
2. Connect the camera via a micro USB cable to a powered USB port, and charge the battery for 2.5hours before first use.
3. Close the Memory card and USB door, and ensure that the latch is secured. You are ready to go!



GETTING STARTED

POWER ON/OFF

1. Press and hold the ⏻▶ button to power on.
2. The Rear Screen will power on, showing the welcome display.
3. The camera is now ready to record video or take photos.
4. Current camera mode is indicated by the colour of the Status LED and Rear Screen, along with the icon in the top left of the Rear Screen.
5. To power off, press and hold the ⏻▶ button for 3 seconds.



RESET YOUR CAMERA

If your camera becomes unresponsive, press and hold the ⏻ button for 20s to reset it.

MODE NAVIGATION

To change the current camera recording mode, press the ◀ button; changing between Video, Photo, Timelapse, Photoburst, and General Settings modes.

MODE SELECTION & SETTINGS

MODE SETTINGS

To change the settings of the current mode press the ⇕ button, this will move the highlight block from the mode icon onto each setting in turn.

VIDEO MODE

(Green LED) Press the ⏻▶ button to start recording. The Status LED and LCD backlight will flash red to indicate recording. Press the ⏻▶ button again to stop recording.

VIDEO SETTINGS

- Resolution
- Frame Rate

PHOTO MODE

(Yellow LED) The camera will capture still images when the ⏻▶ button is pressed, and the status LED and LCD screen will flash red each time a photo is captured.

PHOTO SETTINGS

- Resolution

TIMELAPSE MODE

(Purple LED) Press the ⏻▶ button to capture a series of still images at a specified rate. The Status LED and LCD screen will flash red each time an image is captured. To stop recording, press the ⏻▶ button once more.

MODE SELECTION & SETTINGS

TIMELAPSE SETTINGS

- Resolution
- Timelapse Interval

PHOTOBURST MODE

(Cyan LED) The camera will capture a burst of still images for an allotted duration and at a specified rate, when the ⏻▶ button is pressed. For best results, use a memory card with the highest possible data rate.

PHOTOBURST SETTINGS

- Resolution
- Burst Duration
- Capture Rate

GENERAL SETTINGS

(Blue LED) Press the ▲▼ button to scroll through the available settings, press and hold the ▲▼ button to scroll backwards the Settings. and press ⏻▶ to cycle through the options of a highlighted setting.

MODE SELECTION & SETTINGS

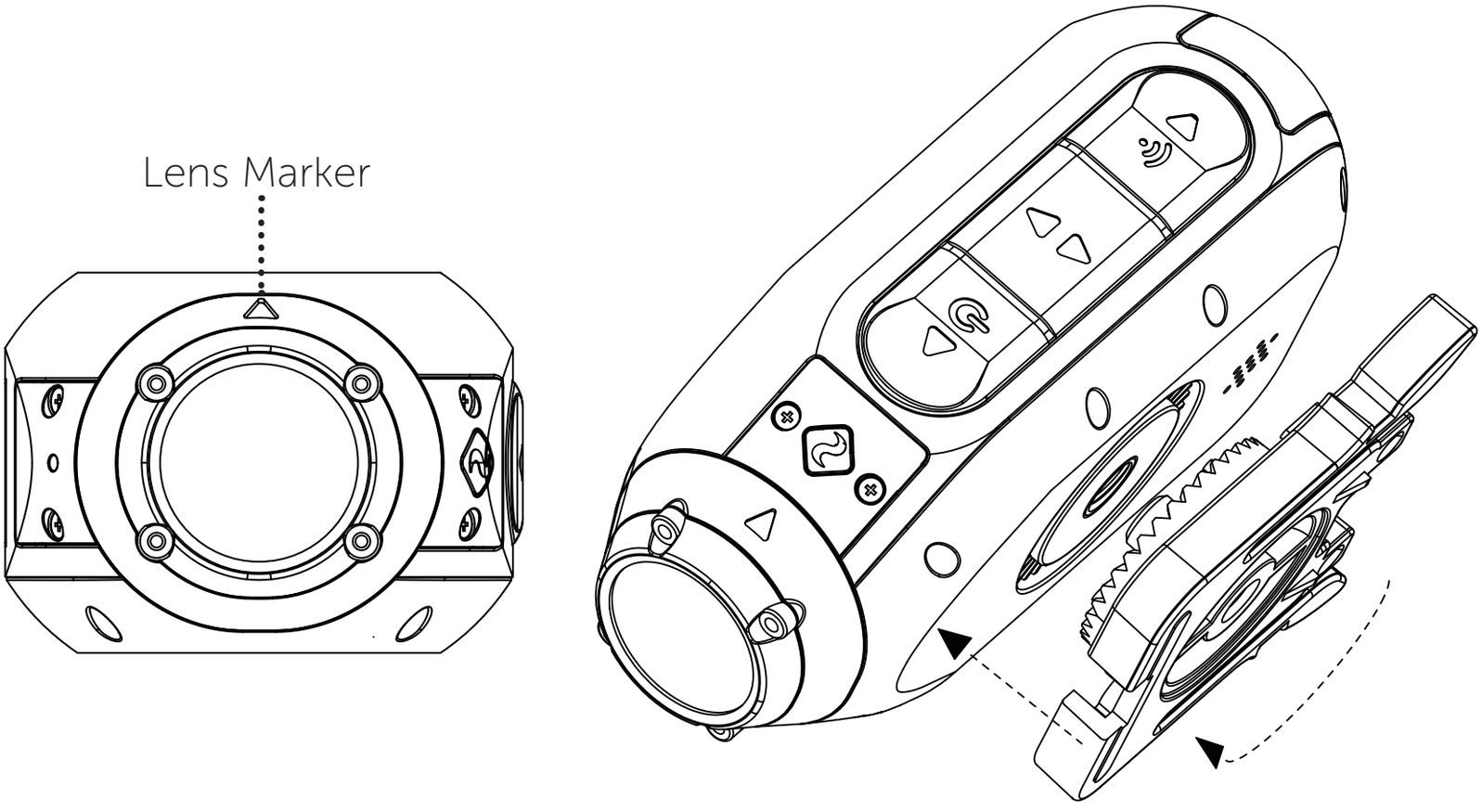
● Dash Cam	ON/OFF
● Dash Cam Interval	30s/1min/2mins/5mins/10mins
● Video Tagging	ON/OFF
● Tagging Interval	10s/30s/1min/2mins
● Wi-Fi	ON/OFF
● Wi-Fi Frequency	2.4G/5.8G
● BT	ON/OFF
● Pair Remote	Paired/Unpaired
● Video Stabilization	ON/OFF
● FOV	140/115/90
● Exposure	+2/+1/0/-1/-2
● Self Timer	OFF/3s/5s/10s
● Bit Rate	High/Mid/Low
● Filter	Normal/Vivid/Low/Light
● ISO	Auto/100/200/400/800
● Mic Sensitivity	0/1/2/3/4/5
● Speaker Volume	OFF/Low/Mid/High
● Indicator LED	ON/OFF
● Vibrate Indication	ON/OFF
● Default Startup Mode	Resume/Video/Photo/Timelapse/ Burst

MODE SELECTION & SETTINGS

● Camera Off	Never/2mins/5mins/10mins/20mins
● THM Files	ON/OFF
● Time and Date	20-01-01
● Date Stamp	ON/OFF
● Instant On	ON/OFF
● Clone Mode	ON/OFF
● Clone Group	0/1/2/3/4/5
● Video-Lapse	ON/OFF
● Video-Lapse Interval	0.5s/1s/2s/5s/10s/30s
● Language	EN/CN/DE/FR/IT/ES
● Restore Default	YES/NO
● Format SD Card	YES/NO
● Serial Number	
● Firmware Version	

MOUNTING THE CAMERA

1. Attach the Universal Clip to the camera in any orientation as needed – first position the clip in the desired orientation, then secure by rotating the screw base by hand.
2. Slide the Universal Clip into your chosen mount, ensuring that it ‘clicks’ into place. ***Double check it has been fully inserted by pushing out the clips.**
3. Align your shot. Rotate the lens by hand until the screen is oriented correctly. Use the lens marker as an ‘up’ reference.



DASH CAM MODE

How Does Dash Cam Mode Work?

Dash Cam Mode allows your Ghost XL Pro to record in a continuous loop. This means that when the memory card becomes full, the camera will record over the oldest footage.

In Dash Cam Mode the Ghost XL Pro will power on automatically when it detects a power supply. Connect the camera to a car or motorcycle power supply, and the camera will turn on and start recording when the ignition is turned on. When the ignition is turned off, the camera will save the footage and then power off instantly.

The interval setting is the duration of the loops that the Ghost XL Pro will record. For example, if you select a 2m interval and record for 20 minutes, you'll find 10 videos saved on your memory card, each two minutes long.

-Press the ◂ button to scroll through the modes and navigate to the settings menu.

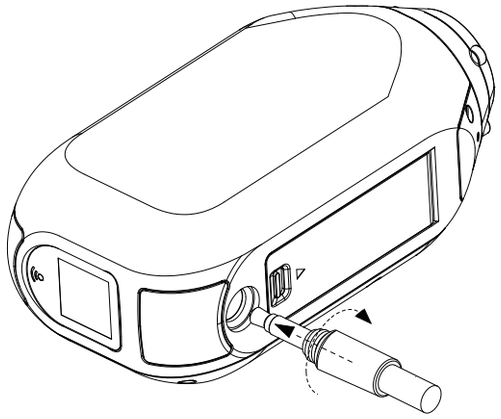
FEATURE OVERVIEW

-Press the ⇕ button to scroll through the menu, until your reach the 'Dash Cam' option. Press the ◂ᯤ button to toggle Dash Cam Mode On/Off.

-Press the ⇕ button to scroll to the next option in the menu, 'Dash Cam Interval'. Press ◂ᯤ button to scroll through the available options.

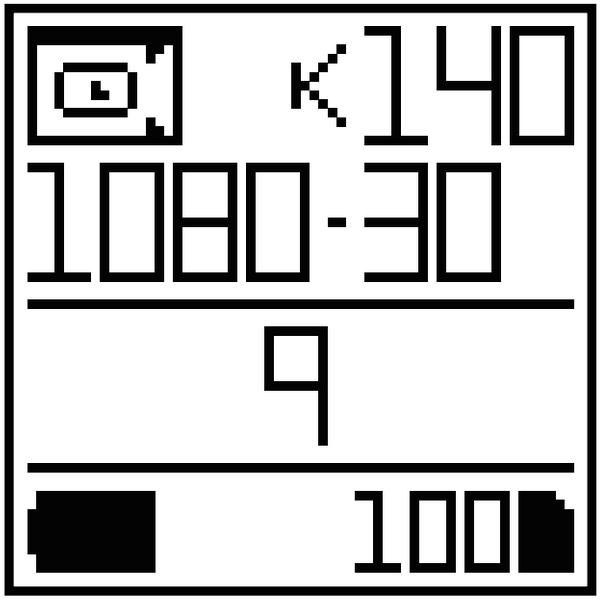
WATERPROOF POWER CONNECTION

The Ghost XL Pro can be connected to a car or motorcycle power supply for hands-free operation in Dash Cam Mode via the included 3.5mm Power cable.



Video-Lapse Mode

Captures a fast-motion video of your trip, allowing you to share a condensed record of your journey. When enabled, video lapse mode will automatically stitch together a timelapse video and save it to your memory card, with no editing required. Simply turn on Video-Lapse mode in the settings menu, select a Video-Lapse Interval, and navigate to Video mode.



On the video mode screen a Video-lapse icon will indicate that the mode is enabled. Press the ⏻▶ button to start recording, and press the ⏻▶ button again to stop the Video-Lapse recording.

Note: The Video-Lapse interval indicates how many frames

per second are captured. A longer interval will result in a faster playback speed, and a shorter interval will result in a slower playback speed.

VIDEO TAGGING

'Video tagging mode can be enabled in the Ghost XL Pro settings menu. When activated, this feature allows the camera to continuously record video, but only save to the memory card when important footage is “Tagged”.

A ‘Tagging Interval’ can be selected in the settings menu, and this will determine the duration of the videos recorded. For example, if a 30s interval is selected and the user presses the ⏻▶ button the last 30s of video will be saved to the memory card. The camera will then continue to record for a further 30s, giving a total video duration of 1 min.

The Video Tagging feature requires a class 10 micro SD card with 4GB of free space to function correctly. Please note that video tagging mode cannot be enabled together with Dash Cam Mode.

CLONE MODE

Link two or more Ghost XL Pro, Ghost XL, Ghost X or Ghost 4K cameras into a single network wirelessly controlled by one master camera. To set up clone mode:

-Navigate to the 'Clone Mode' option in the settings menu, and press the button to select.
-Select the 'master' option, and press the button to select. The master camera is now set up.
-On a second camera repeat the above, selecting the 'slave' option.
-Repeat for each additional slave camera.
-The master camera can now be used to wirelessly start and stop recordings, change settings and change modes on the entire group of cameras.

FEATURE OVERVIEW

INSTANT ON MODE

Enabling Instant On Mode allows the camera to turn on, and immediately start recording with a single press of the ⏻▶ button.

BIT RATE

Users can choose to keep the normal compression used by the H.264 codec, or if they prefer, allow a higher flow of data for preserving more of the original recording. This will result in a bigger file size.

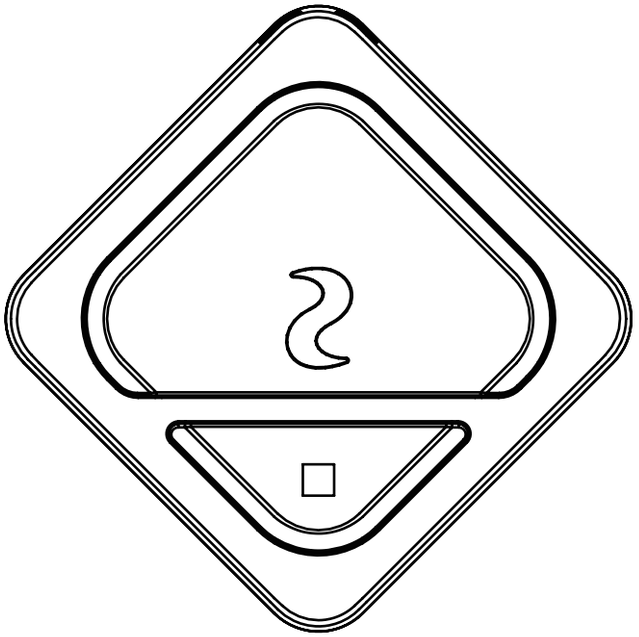
FILTER

Quickly tailor your cameras settings to the recording conditions with filters. Choose between Normal / Vivid / Low Light.

ACCESSORY GUIDE

BT REMOTE CONTROL（Compatible with Ghost XL Pro，Ghost 4K & Ghost XL ）

The Drift BT Remote places intuitive control at your fingertips. Easily attached to a wrist or pack, the BT Remote Control clearly communicates your camera’s current status using Drift's innovative color system. Use it to stop or start recording, Initiate video tagging or easily switch between Video, Photo, Timelapse and Photoburst modes. All with the touch of a finger



ACCESSORY GUIDE

SUCTION CUP MOUNT

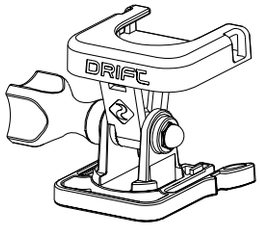
The perfect accessory for mounting your Ghost XL PRO to any non-porous flat surface. Ideal for use on car windshields or bodywork, the Suction Cup makes it simple to turn, tilt, and rotate your camera 360°.

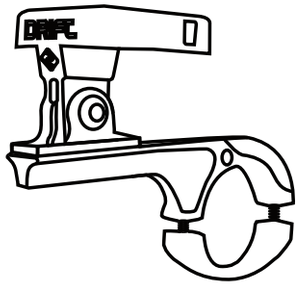
PIVOT MOUNT

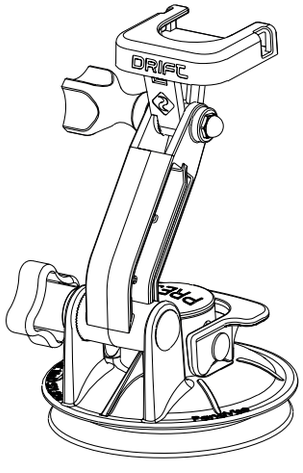
Mountable anywhere at nearly any angle, the Drift Pivot Mount is your tool to capture the moment from any point of view you can imagine. Includes flat and curved adhesives, and can be used together with any other Drift mount.

HANDLEBAR MOUNT

The Drift handlebar mount is the perfect accessory for riders, whatever your discipline. Compatible with bars between 19mm and 36mm, and capable of pivoting more than 180 degrees, the handlebar mount opens up almost any angle for your action video.







Wi-Fi

To turn on your Ghost XLPro Wi-Fi, simply press and hold the button. The LCD screen will show a Wi-Fi icon when the Wi-Fi is enabled.

Wi-Fi can also be turned on via the cameras settings menu, where you'll also find an option to permanently switch the Wi-Fi network on.

DOWNLOAD THE DRIFT LIFE APP

Setup your shot, capture, playback, edit and live stream on your mobile device.

Download on the App Store

ANDROID APP ON Google play

UPDATING THE GHOST XL PRO FIRMWARE

Download the latest firmware from the Drift website and copy the Ghost_XL_Pro.bin file into the root of a formatted micro SD card. Insert the micro SD card into the camera and power on. The camera screen will display 'Firmware Updating' as the update is installed. Once complete, the camera will power down.

CONNECTING YOUR CAMERA

CONNECTING TO A PC

1. Connect the camera using the USB cable (provided); the camera screen will show a USB icon.
2. The camera's folder may open automatically; if not, open using My Computer.
3. The camera should be recognised as a removable disk; double-click to open.
4. Open the DCIM folder to access your files.

CONNECTING TO A MAC

1. Connect the camera using the USB cable (provided); the camera screen will show a USB icon.
2. The camera's folder may open automatically; if not, open using Finder.
3. The camera should be recognised as an external device; double-click to open.
4. Open the DCIM folder to access your files.

SPECIFICATIONS

Video Mode – Frame Rate

4K/25FPS (4096x2160)

4KUHD/25,30FPS (3840x2160)

2.7K/24,25,30,50,60FPS (2704x1520)

1080P/24,25,30,50,60,100,120FPS(1920x1080)

720P/25,30,50,60,120,240FPS (1280x720)

File Format -MP4(H.264)

Photo Mode – 4,8,12 Mega Pixels

Sensor Type – Sony 12MP

Lens Type - 140° Wide Angle

Battery – 3000mAH Rechargeable Li-Ion

Microphone – Build-in Noise Reducing Microphone

Input – Type-C USB,TRRS Port For External Power or Audio

Memory – Micro SD, SDHC, SDXC, Up to 256GB

SPECIFICATIONS

Wi-Fi – 2.4/5.8G

Bluetooth Build-in, Remote Control Compatible

IPX7 Waterproof

Size 47x92x35mm

Weight 145g

FCC Information

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept interference received, including interference that may cause undesired operation.

WARNING

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
The equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If

this equipment does cause harmful interference to radio or television reception, which can be determined by powering the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna;
Increase the separation between the equipment and the receiver;
Connect the equipment into an outlet on a circuit different from that which the receiver is connected;
Consult the dealer or an experienced radio / TV technician for help.
This device complies with Industry Canada license-exempt RSS standard(s).
Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.
This Class [B] digital apparatus complies with Canadian ICES-003.
Son fonctionnement est soumis aux deux conditions suivantes:
(1) cet appareil ne peut pas causer l'intervention, et

(2) cet appareil doit accepter de l'intervention, y compris l'intervention qui peut causer l'opération non désirée de.
Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.
Cet appareil s'accorde avec Industrie Canada licence-exempte RSS standard.

FCC RADIATION EXPOSURE

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

MOTORCYCLE DISCLAIMER

Interacting with the camera while riding could cause a crash and you or others may be seriously injured or killed.
•Keep your eyes and mind on the road;
•Avoid looking at the camera for too long;
•Stop the vehicle in a safe location before adjusting the camera.