



 **OWL EYE**



HD Nightvision Dash Cam
Model : **A50**

User's Manual

*Use only enclosed car charger

Ver.1.0

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Introduction

Thank you for purchasing HD Nightvision Dash Cam A50, please read the user's manual and make sure the package content is complete without missing before using the product, if any part is missed or damaged, please contact the vendor where you purchased A50.

We recommend you to fully charge the battery before using your **HD Nightvision Dash Cam** for the first time. Charge the battery with the included DC 5V car charger by inserting it in the cigarette lighter for about 10 minutes. The power status LED indicator will light in green before the battery is fully charged.

Package Content



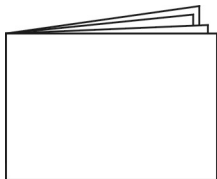
A50 main unit



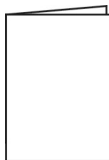
4M USB car charger



Holder



User's Manual



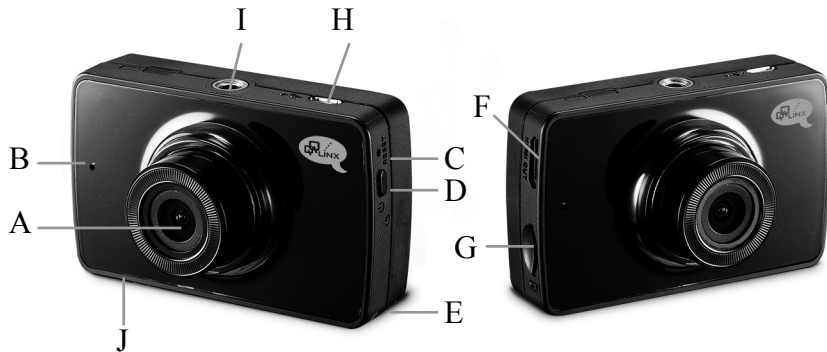
Quick Guide



8GB micro SD Memory card

User Interface

Front View



Mark	Name	Description
A	Lens	6G Lens
B	Microphone	Sound recording, can be turned on/off
C	RESET	Reset A50
D	Power	2 sec press for power off; 8 sec press for restart.
E	LED Indicator	Standby: Red Recording: Red Flash Charging: Green
F	Mini HDMI Output Port	Output images to TV
G	Micro SD Card Slot	8G(Class 10) SD Card is recommended
H	Micro USB Input Port	Connect to USB car charger for charging, or, connect to PC for data transmission.
I	Screw Hole	Connect to suction holder
J	Speaker	Speaker

Rear View



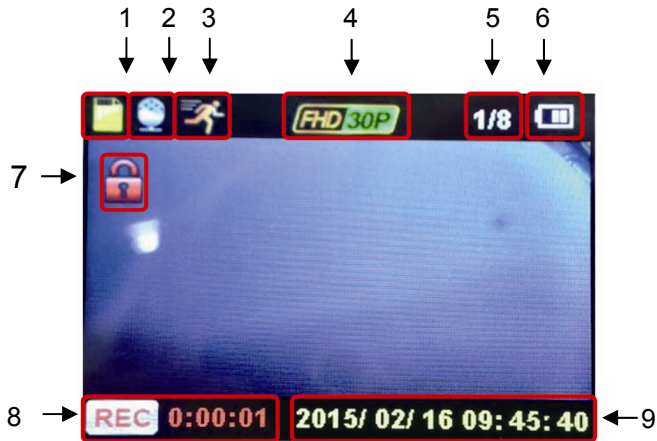
Mark	Name	Description
K	LCD	2.4" LCD
L	Menu Button	4 mode switch : Camcorder Mode / Camera Mode / System Settings / Browse
M	Recording Button	1. Camcorder Mode : Record Start/ Record Stop 2. Camera Mode : Shutter
N	Lock Button	1. Backup and lock the video file when recording 2. Stop locking video record 3. Photo shot in Standby mode






Holder







Mark	Name	Description
O	Screw Knob	Connect to A50 Screw Hole
P	Adjustable Knob	Adjust shot angle
Q	Latch	Fix/release Suction Disc
R	Suction Disc	Attach to car's windshield

Camcorder Mode



Mark	Function	Description
1	SD Card Status	 SD Card Inserted
		 No SD Card or SD Card is damaged
2	Microphone	 Sound Record on
		 Sound Record off
3	Motion Detection	 Motion Detection function activates, record 30 sec when a motion is detected. *Refer to page 17 for more details.

Mark	Function	Description
4	Resolution	<p>Video Resolution</p> <p> WDR 1080P 30 fps</p> <p> 1080P 30 fps</p> <p> 720P 60 fps</p> <p> 720P 30 fps</p>
5	Locked Video Files	Locked file number(s) / 8 (max)
6	Battery	Battery power status




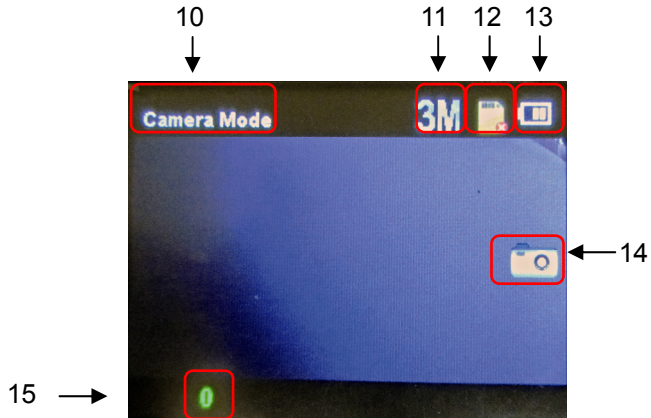



Mark	Function	Description
7	Backup locked. video files	 <p>G-Sensor or manual backup files</p> <p>*G-Sensor will backup at least 30 seconds of each before and after the event, the backup video will be recorded in 2~3 files and protected from being overwriting.</p>
8	Status	<p> HH:MM:SS : Estimated left time for recording</p> <p> HH:MM:SS : Recording elapsed time</p>
9	Time	YYYY/MM/DD HH:MM:SS

Photo Shot Mode



Mark	Function	Description
10	Camera Mode	Photo Shot
11	Still Image Size	<p>Resolution</p> <p>3M 2048*1536 pixels</p> <p>5M 2560*1920 pixels</p> <p>8M 3264*2448 pixels</p> <p>12M 4000*3000 pixels</p>
12	SD Card Status	<p> SD Card Inserted</p> <p> No SD Card or SD Card is damaged</p>

Mark	Function	Description
13	Battery	Battery power status
14	Shutter	 <p>The image shows a black rectangular device, likely a camera or a specialized recording device. On the right side, there is a vertical strip of controls. From top to bottom, these include a 'MENU' button with a three-line icon, a 'REC' button with a red dot icon, and a 'LOCK' button with a triangle icon. A white arrow points from the text 'Photo Shot' to a button located between the 'REC' and 'LOCK' buttons. The device also has a small 'dLife' logo on the left side.</p>
15	Number of shots that can be taken	Number of shots that can be taken

System Settings

Function	Options	Description
Resolution	FHD 1080 WDR @30fps(default) FHD1080@30fps HD 720@60fps HD 720@30fps	Video resolution setup
Still Image Size	12M 4000*3000	Picture resolution setup
	8M 3264*2448	
	5M 2560*1920	
	3M(default) 2048*1536	

Function	Options	Description
Shutdown Delay	Off 15 sec (default) 30 sec	Shut down delay setup
Sound Record	On (default) Off	Enable/Disable Microphone
Motion Detect Sensitivity	Off (default) Low Middle High	<p>Motion Detect activates Owl Eye for 30 seconds record when a motion is detected.</p> <ul style="list-style-type: none"> ▪ Motion Detection works in Stand by mode (STBY mode) ▪ Motion Detection consumes battery power; please ensure the power is enough before activating it. ▪ Power consumption 600 mA/h

Function	Options	Description
G-Sensor Sensitivity	Off Low Middle (default) High Very High *It is recommended to set a sensitivity that won't triggered by the vibration when car door is closed.	G-Sensor Backup & lock video file sensitivity setup Example: <ul style="list-style-type: none"> ▪ Low sensitivity: For vehicle with primary level shock absorber (Eg. Truck) ▪ Normal sensitivity (Default): For vehicle with normal shock absorber ▪ High sensitivity: For vehicle with high level shock absorber ▪ Very high sensitivity: For vehicle with higher level shock absorber

Function	Options	Description
Clock Settings	YYYY / MM / DD HH : MM : SS	Date & Time setup
Exposure	-2 -1 0(default) 1 2	EV adjust
Language	English (default) Simplified Chinese Traditional Chinese	Language setup

Function	Options	Description
LCD Power Save	Never 30 sec 3 min 5min	Power save in unused time
Reset Setup	No(default) Yes	Resume default setting
FW Version		Firmware version information

Browse

Function	Options		Description
Browse Directory	SOS Directory		Review locked backup files
	General Directory		Review unlocked files
	Image Directory		Review photos
Delete	Delete One	Video	Delete a video file
		Photo	Delete a photo
	Delete All * Locked Backup files cannot be deleted, please format the SD card to make it.	Video	Delete all unlocked videos
		Photo	Delete all photos

Function	Options		Description
Protect/UnProtect	Protect One	Video	Lock a normal video file
	Unprotect One	Video	Unlock a video file
	Unprotect All	Video	Unlock all video files
Format SD-Card	No(default) Yes		Format SD Card *Please backup important files before formatting.

Trouble Shooting

Q1: I can't start up A50 when the car is started.

A: Make sure the car charger LED is lighted up and the Micro USB connector is properly connected to A50's power port. °

Q2: A50 powers on/off itself when driving.

A: If the car charger's LED is not lighted up, please check car charger is properly connected to car's cigarette power jack. °

Q3: A50 won't power off when the car is shut down.

A: Check if the car charger LED is lighted, some cars continues power supply when the engine is shut down, please:

1. Remove the car charger before leaving the car to avoid power consumption.
2. Add an auto shutdown cigarette power set to your car, please contact your car maintenance service.

Q4: I have other devices need to use the car cigarette power, one is not enough.

A: Please use an one-to-multiple cigarette power expansion set, and make sure the set is compliant to your local safety regulation and its power rate is enough for all devices' working.

Q5: The video images vibrate when played on PC.

A: The vibrations are caused during the driving, please fix the Camcorder's holder to the windshield tightly or contact your car maintenance service.

Q6: The videos are fuzzy.

- A: 1. Make sure if the windshield and lens are clear, stain or finger print will affect the video quality.
2. If A50 is placed at a too high position, the video might be blurred that caused by the reflections on windshield, please adjust it to a proper position.

Q7: When playing A50 videos on PC, there are some pauses.

A: Please do the following:

1. PC requirement: CPU 2.0GHz 、Memory 1GB
2. Close the resident programs in PC °
3. Copy the video files to PC to play
4. Use other video play software

Q8: What kind of SD card should I use? And how long can it record?

A : A50 supports up to 32GB SD card, Class 10 is recommended; as for recording time, please refer to below chart

SD Card Capacity	FHD 1080 (100MB/min)	HD 720 (90MB/min)
8GB	70 min	80 min
16GB	140 min	160 min
32GB	280min	320 min


Specification

Sensor	3 Megapixels
LCD	2.4"
Lens Shot Angle	140 degree
Lens	6G
AV output	Mini-HDMI (Type C)
USB	USB 2.0
External SD Card	32GB (SD/SDHC)
Video Format	MOV
Static Photo Format	JPG

Dynamic Video Resolution	WDR HD 1080 (30fps) FHD 1080 (30fps) HD 720 (60fps) HD 720 (30fps)
Photo Pixel(Static)	12M (4000*3000) 8M (3264*2448) 5M (2560*1920) 3M (2048*1536)
Loop Recording	3 min
Microphone	YES
Auto Power Off	Power Off Delay in 15 sec / 30 sec
Motion Detect	Yes

Lock Backup File	Auto / Manual (8 times max)
Built in Battery	Yes, 700mAh
Charge and Play	Yes
G-sensor	Yes 4 level sensitivity
Languages	Traditional Chinese / Simplified Chinese/ English
Working Temperature	0℃ ~ 60℃
Power Supply	Input : DC 12V~24V Output : DC 5V/1A (Micro USB)
Size	79.9mm * 49mm * 36.5mm
Weight	80 g
Certificate	BSMI / CE / FCC

Notice

- ※ Do not operate when driving.
- ※ 8GB Class 10 Micro SD card is recommended.
- ※ Format SD Card regularly to ensure the SD card works properly.
- ※ Do not take the SD Card when A50 is recording that may lead to data or SD card damages.
- ※ Do not press or hit the main unit and LCD.
- ※ Keep your hands dry when using.
- ※ Do not use A50 in humid environment or near water.
- ※ Do not use chemical or cleanser to clean A50.
- ※ Remove car charger to avoid power consumption when A50 is unused.
- ※ Use only enclosed DC 5V car charger.
- ※ If you need your A50 to be repaired, please contact the vendor you purchased it from, do not try to do it by yourself.
- ※ When the SD card status shows the icon “  ” or beeps three times, it means your SD card is damaged, please change a new one.

Thank You

Thank you for your purchase of the **Owl Eye** HD Nightvision Dash Cam by **QQLinx**. We hope you are completely satisfied with your purchase and enjoy our product.

If you have any questions, please contact us at support@qqlinx.com. It's our pleasure to assist you.

If you're glad with our product, we would highly appreciate it if you could write a quick product review on the website and share your experience with the community

