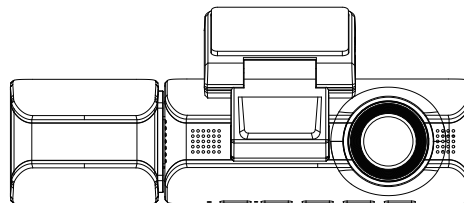


# Owner's Manual

LS05D



Lingdu GROUP LTD

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User Manual

V2.0

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## •» INDEX

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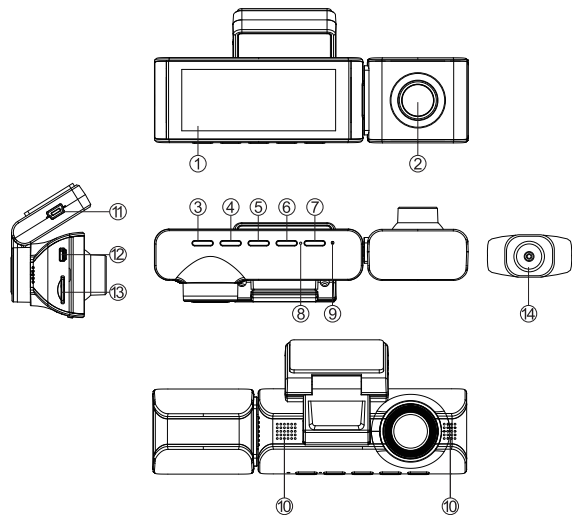
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## » 1.SPECIFICATION

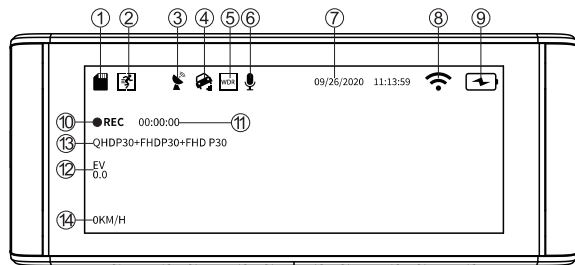
|                  |                                                                                                                                                                                                                                                                                                                      |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model            | LS05D                                                                                                                                                                                                                                                                                                                |
| Screen Size      | 3.18 Inch                                                                                                                                                                                                                                                                                                            |
| Aperture         | F=1.7                                                                                                                                                                                                                                                                                                                |
| Color            | Black                                                                                                                                                                                                                                                                                                                |
| Language         | English / 日本語 / Deutsch / Français / Español / Italiano / Русский.etc                                                                                                                                                                                                                                                |
| Photo Resolution | 2M/5M/8M/12M                                                                                                                                                                                                                                                                                                         |
| Photo Format     | JPG                                                                                                                                                                                                                                                                                                                  |
| Video Code       | H.264, MP4                                                                                                                                                                                                                                                                                                           |
| Video Resolution | UHD=3840x2160 QHD=2K=2560x1440<br>FHD=1920x1080<br>ONLY Front Camera: UHD P30; QHD P30; FHD P30<br>Front & Rear Camera:UHD P30+FHD P30;<br>QHD P30+FHD P30; FHD P30+FHD P30<br>Front & Cabin Camera:QHD P30+FHD P30; FHD P30+FHD P30<br>Front & Cabin & Rear Camera: 2K P30+FHD P30+FHD P30; FHD P30+FHD P30+FHD P30 |
| GPS Track        | Support                                                                                                                                                                                                                                                                                                              |

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| G-sensor            | Built-in                                                                            |
| Loop Recording      | Support                                                                             |
| Motion Detection    | Support                                                                             |
| WiFi                | Support                                                                             |
| Parking Mode        | Support (ONLY work when connected hard-wire kit)                                    |
| Micro SD Card       | Max support 512GB (Class10 or above, High-speed)                                    |
| Mic                 | Support                                                                             |
| Speaker             | Support                                                                             |
| Battery             | Built in Super Capacitor (Only has 1 mAh Lithium Metal Battery used to memory time) |
| Power Interface     | 5V/2.5A                                                                             |
| Working Temperature | -20°C to 70°C                                                                       |

## •» 2.PRODUCT DIAGRAM



- ① Screen      ② Cabin Camera      ③ Power      ④ UP      ⑤ OK
- ⑥ Down      ⑦ Mode      ⑧ Mic      ⑨ Reset
- ⑩ Speaker      ⑪ USB Charging Port      ⑫ Rear Camera Port
- ⑬ Micro SDCard Slot      ⑭ Rear Camera



- ① Micro SD Card Indicator      ② Motion Detection      ③ GPS Indicator
- ④ Parking Monitor      ⑤ WDR      ⑥ Mic
- ⑦ Date/Time      ⑧ WiFi Indicator      ⑨ Battery Indicator
- ⑩ Recording Indicator      ⑪ Loop Recording Timer
- ⑫ Exposure      ⑬ Video Resolution      ⑭ Live Speed

### •» 3.KEYS AND FUNCTIONS

| Key                                                                              | Instruction                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 1.To Turn ON The Camera: Press power button once.<br>2.To Turn OFF The Camera: Long press power button for 2-seconds.<br>Press Once - to Turn OFF/ON LCD (It is still working.)                                                                     |
|  | 1.Press Once - to Start/Stop Video Recording<br>2.Press Once - to Take Snap-Shot while in Photo Mode<br>3.Press Once - to Play/Pause Current Video while in Play Mode<br>4.Press Once - to Enter / Confirm Specific Settings while in Menu Settings |
|  | 1.Press Once - to enter/exit menu settings<br>2.LONG PRESS for 2-Seconds - to Switch Modes from [Recording Mode] [Photo Mode] [Playback Mode]                                                                                                       |
|  | 1.Press Once - to Turn OFF/ON audio recording<br>2.LONG PRESS for 2-Seconds - to Lock the Current Loop Cycle Video File while Video is being recorded                                                                                               |
|  | 1.Press Once - to shift camera display mode<br>2.LONG PRESS for 2-Seconds - to Turn ON WiFi, this will turn ON wifi signals from the dash cam.                                                                                                      |

### •» 4.FUNCTION

#### 1.Video Settings

##### Resolution

Allow to choose the desired video resolution and fps(frames per second). Higher resolution and FPS videos result in smoother videos, but also take more storage space. The video resolution is ONLY for FRONT camera recording.

##### Loop Recording — Off/1min/ 3mins(Default)/ 5mins

On: Here select the length(1/3/5 min) of each video clip for the loop recording. This function allows the Dash-cam to continuously record. Please notice: the Dash-cam will keep deleting the oldest files automatically when memory card gets full so that it can keep recording over and over.

##### Rear-cam Mirror — On(Default)/Off

On: Dash cam screen will display the mirror image and should match your rear-view mirror.

##### Time Lapse — Off(Default)/On

On: The Dash-cam can sustain longer operational period while reducing video file size.

Video files will be played at high-speed when playback.

### **Record Audio — On(Default)/Off**

On: The video has sounds.

Off: The video is silent.

### **WDR — On/Off(Default)**

Wide Dynamic Range (WDR) processes images to ensure clear recordings in bright and dark light. This allows the Dash Cam to combine multiple images at different levels of brightness to create one superior image.

### **Frequency — 50HZ/ 60HZ(Default)**

According to the power supply specification used in your country.

60HZ-Used in USA, North America

50HZ-Used in Europe, most Asian Countries.

### **G-Sensor — Off/ High/ Middle(Default)/ Low**

G-sensor is a 3-axis impact gravitational accelerometer, designed to detect physical and gravitational forces on the Dash-cam. Once G-sensor has triggered due to physical or gravitational impact force on the camera, the current video file will be locked as an emergency file so it won't be deleted by loop cycle function.

### **Exposure —+2.0,+5/3,+4/3,+1.0,+2/3,+1/3,+0.0(Default)/-1/3,-2/3,-1.0,-4/3,-5/3,-2.0**

To adjust video exposure setting for either brighter or darker video according to your preference.

### **2.Playback Mode**

Normal Video: It's the video files That video file saved when in loop recording mode.

Locked Video: It's the video files that Dash-cam lock the current files after the car's shocked.

Picture: Photos that taken when photo mode.

### **3.Park Monitor**

This function will ONLY work when AZDOME's 3-Lead Hardwire Kit is installed properly, the output current of Hardwire Kit needs to reach 2.5A. Then Select [Connected] and select parking mode. This parking mode has three options to choose from.

#### **★Time-Lapse Parking Mode:**

1. When you turn OFF the car's engine and turn the key to the lock position. Then the camera will STOP the continuous video recording and it will go into the timelapse 1fps recording mode automatically.
2. Now while this timelapse is being recorded, If someone hits your car and if the impact reaches the set G-Sensor level, then the camera

will stop the timelapse video > then it will start to record 1-min continuous video, save & lock that video in EMR folder > then return to recording the timelapse 1fps.

3. Now when you start your car for the next time, the camera will automatically STOP the timelapse parking mode. Then it will go into normal video mode automatically to start the continuous video recording.

#### ★Motion Detection Parking Mode:

1. When you turn OFF the car's engine and turn the key to the lock position. Then the camera will STOP the continuous video recording and it will go into the motion detection mode and the camera will stay ON and idle, but LCD will be off after 1-min.

2. Now the camera will only record 30 seconds video when it detects motion in front and cabin lens of the camera and then it will record until there is no more motion is detected.

3. Now while the camera stays in Motion Detection mode, If someone hits your car and if the impact reaches the set G-Sensor level, then the camera will stop the motion detection mode > then it will start to record 1-min continuous video, save & lock that video in EMR folder > then return back to the motion detection mode.

4. Now when you start your car for the next time, the camera will automatically STOP the motion detection parking mode, and it will go back into normal video mode automatically to start the continuous video recording.

#### ★Collision Detection Parking Mode:

1. When you turn OFF the car's engine and turn the key to the lock position. Then the camera will STOP the continuous video recording and it will go into the collision detection mode and the camera will turn OFF.

2. Now while the camera stays in collision detection mode, If someone hits your car and if the impact reaches the set G-Sensor level, then the camera will turn ON > then it will start to record 1-min continuous video, save & lock that video in EMR folder > then the camera will turn OFF.

3. Now when you start your car for the next time, the camera will automatically go back into normal video mode automatically to start the continuous video recording.

#### 4.Date/Time Settings

Must set the Timezone first, setting path: [System Settings]-[Timezone]. Then set your local date and time.

#### 5.Stamp — Off/On(Default)

Time Stamp / GPS Stamp / Speed Stamp , when on the stamp information will be shown on the video or photo.

## 6.Storage

**Storage Format Remind:** Once chose a time duration and turned on this function, the dash cam will pop up “Please format SD card” to avoid too much locked files to use loop recording. **SD Card Format:** The Micro SD card must be formatted when inserted first time in the Dash-cam. The formatting process will make sure that the card's file system format is optimized for the camera.

**Storage Info:** To check the usage of memory card, please format the memory card regularly to ensure that there is enough available space inside.

## 7.Language — Multilingual, default English.

Allow to choose your desired language for dash-cam system.

## 8.System Settings

**Fatigue Driving Reminder — Off(default )/1hour/2hours/4hours**  
Once chose a time duration and turned on this function, the dash cam will make sounds to alert.

## Speed Unit — KM/H(default)/MPH

## Beep Sound — On(default )/Off

To switch on/ off or adjust the key tone.

## Screen Saver — Off/1 min(Default)/3 mins/5 mins

**On:** The screen will go black after 1/ 3/ 5 minutes no-operation while the Dash-cam is still on/ recording.

## IR LED —Auto(Default)/Night Mode/Day Mode

The function works on the cabin camera.

## Timezone Setting — UTC/GMT+12 to UTC/GMT-12, Default GMT +8

Before setting Date/Time, please set your local Timezone first according to your location, then press "OK" to confirm. The timezone won't change automatically when it starts/ ends daylight saving time, please adjust it manually at that time.

## Default Setting

Allow to restore all settings to factory default settings.

## GPS Info

Check the satellite number / Longitude / Latitude / Speed.

## 9.Information

To check the current firmware in the Dash-cam. You'll need this necessary information to check if newer version firmware is available to update. Please visit [help@azdome.hk](mailto:help@azdome.hk) for the latest firmware.

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## •» 5.DISCLAIMER

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The videos/pictures taken by Car dash cam is only for a reference, we don't take any responsibility due to data-loss in the abnormal circumstances. Special version: The device will records files in normal recording status. But in the following situation, it will lead to files to be damaged or lost;

1. If pulling out the TF card in the recording status, final video files will be damaged or lost.
2. If there is illegal blackout in the recording status, final video files will be damaged or lost.
3. If there is a destructive collision in the recording status, video and audio files will be damaged or lost.
4. If there is a destructive collision in the recording status leading to Memory card loose, video and audio files will be damaged or lost.

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## •» 6.NOTICE

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 This product complies with the radio interface requirements of the European Community.

 This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate and recycling helps protect natural resources, human health and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.

 Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This 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 turning the equipment off and on, 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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 any interference received, including interference that may cause undesired operation.

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