AutoCam Super HD
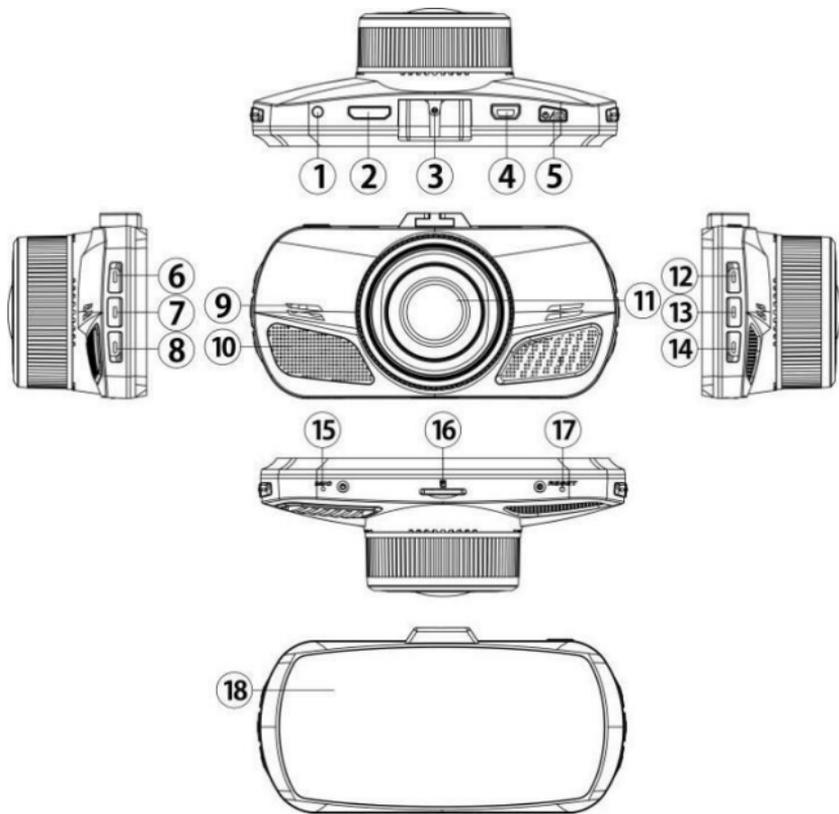
Warning

●This user manual will detail how to use and operate including technical specifications and precautions. Before use, please read this manual thoroughly.

●The camera and accessories are not waterproof

●Do not try open the shell or try any repair by yourself

●Please protect the environment, don't discard this camera randomly; do not throw this machine into fire due to the lithium battery inside.

●Please pay attention to clean the lens surface, use a moist soft to clean the lens.

Content Guide

A. Unit Structure chart

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3)Holder

Connector

5 ） Power/Photo

6）MODE Button   7）MENU Button   8）SOS Emergency

Taking Button

Button

9）Speaker   10）radiator shutter   11) HD Cameras   12）Up Button

13）Down Button   14）OK Button   15）MIC   16）Memory Slot

17）Reset   18）LCD

B：Button and Interface Instruction：

Button Name	Button Function	Instruction for Use
Power/Photo Taking Button	Power on/off Take photos	1.Power on：Short press to turn on and the red indication light on. 2. Power off：Long press to turn off and the red indication light off. 3. Take photos: In the photograph mod, short press to

		take photos. 4. In the playback mode, short press could switch between locked file and unlocked file.
Reset	**Reset**	1.short press to turn on again when the machine standby
OK Confirmation	Video start/stop/photograph function Menu confirmation	1： In the video mode： short press to start record, short press again to stop recording 2： In the photograph mode： short press to confirm make photo 3： In the menu mode： set and confirm
Menu	Photograph/record/ playback, all functions setting	1. In the video mode: short press once to switch video setting; 2. In the photograph mode: short press once to switch photograph setting; 3.In the video/photo playback mode: short press once to switch playback setting;
Up	Choose up Turn on/off the audio recording function	1. In the menu mode ： Up 2. In the video mode ： short press to turn on/off the audio recording
Down	Choose down	1. In the menu mode ： Down

Mode	Switch among photograph/ record/playback	1.In the video mode: Switch among photograph/ record/playback. 2.Screen shot： In the video mode, short press mode button could screen shot the current figure.
SOS Emergency Button	Press to lock the file	Press to lock the file when under the video status.
TF card Slot	TF card Slot	Insert the TF card into this Slot
HDMI Interface	High definition output	Connect the HD television by HDMI cable, in the video mode, view the video/photos; in the photograph mode, make photos, view video and photos. **Note-Removing the memory card is easier than connecting the camera.**
AV or GPS Slot	AV Output or GPS Output	1.The AV slot can't be acted as AV output if the machine be set with GPS, only acted as GPS output. 2. The AV slot can't be acted as GPS output if the machine be set without GPS, only acted as AV output.
Holder Interface	Install holder	Install the holder on the machine
USB Output	storage/charging	1: Connect USB cable for auto recording, and view the video/photo. 2：Connect USB cable for auto charging

C. Charge and Power on/off instructions：

1. Charge Method:

1.1: Charge by connecting the cigarette lighter. The blue indication light will on when charging, and needs about 120 minutes to be charged fully, after the battery is full the indication light will go off.

2. **Operating guide**

Auto power on/off:

After the vehicle connects with the vehicle power, the camera will support auto video record on start up, and will auto power off and save the video when the vehicle shuts down.

3. Before installation, operate instructions by hand:

3.1. Power on/off by hand

Short press Power button, the red indication light will go on. Enter the video mode, Long press Power button again, the red indication light will off.

Attention: the device will be turn off automatically after a warning of low battery when the power is very low.

D：Photograph/Video/Playback basic operation instruction:

Video Mode:

Short press mode button to switch to video mode, there is a video recording icon shown on the top left corner of the LCD; short press OK button to start recording, the red video indication light start to flash, that is the DVR is under recording, short press OK button again to stop recording.
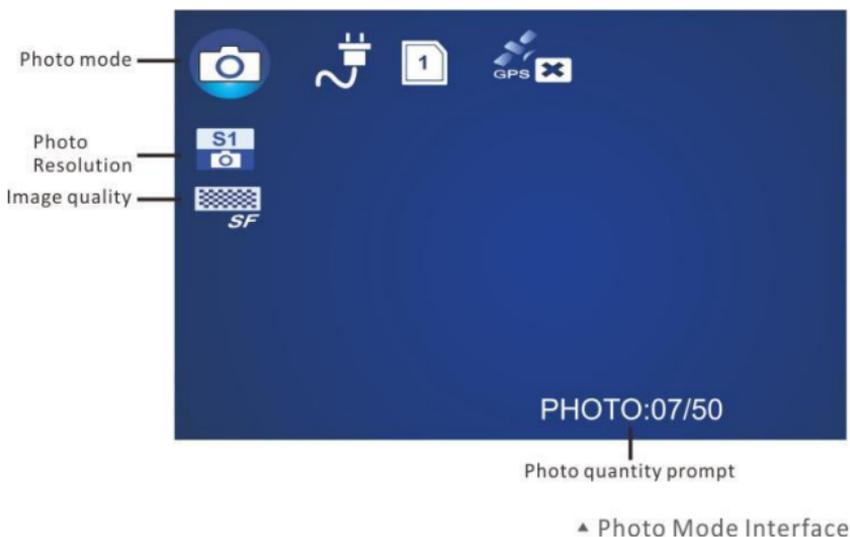
Video process: Power on——enter video mode——short press OK button to record——short press OK button again to stop recording.

Photo Mode:

Short press MODE button to switch to photo mode, there is a photo shooting icon shown on the top left corner of the LCD, short press Power or Photo Taking button to take photos, when photography is finished, the LCD will be flash one time.

Attention： This machine is limited only for 50pcs photos, and can't take photos when over 50pcs.

Photograph process: Power on——enter video mode——press MODE button to switch the photograph mode——press Power or Photo Taking button to take photos.

Photo mode

Photo Resolution

Image quality

PHOTO:07/50

Photo quantity prompt

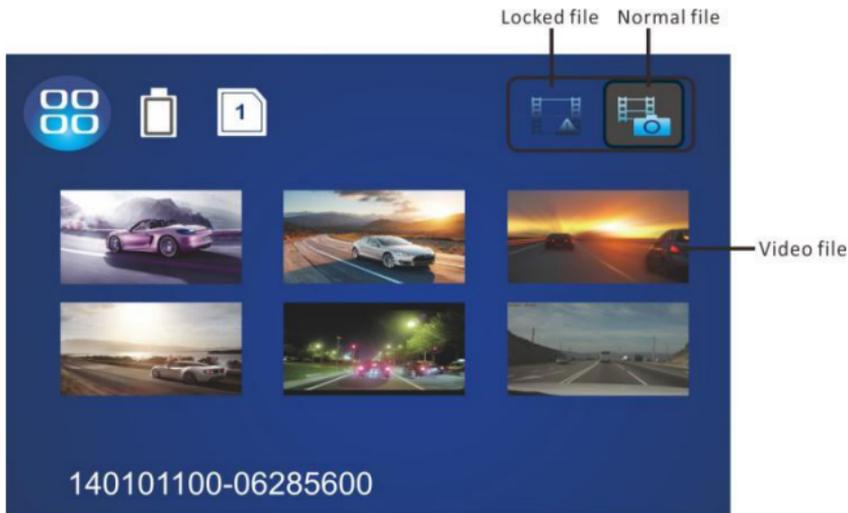▲ Photo Mode Interface

Video/Photo Playback

Short press MODE button twice to switch playback mode, the playback icon will be shown on the LCD top left corner:

1. Short press up/down button to selecting the file section(locked section/ regular file section);

2. Short press OK button to enter the playback section, then short press up/down button to selecting the file, press OK button again to enter single file playback(press OK button

again to start playback the video)

Attention： If it's recording, first stop recording, then press MODE button twice to switch the playback mode

Playback process: Power on——enter playback mode——press MODE button twice to switch the playback mode——press up/down button to enter the section and press OK button to choose——press OK button to enter single file playback (press OK button again to start replay the video)

Locked file   Normal file

Video file

140101100-06285600

E：Menu Setting Instruction

Video setting

After power on enter the video mode, the video icon will be shown on the LCD top left corner: short press MENU button one time to switch the video setting, the video blue icon will be shown on the LCD top right corner: there are setting options on the screen, they are Video resolution, Image quality, advanced driving assistant system detection, Motion Detection, G-sensor setting, Parking Mode, Loop Record Setting, MIC, Anti-flicker etc, short press up/down to switch the setting options, short press OK button to enter the setting, short press up/down button to modify the setting, and short press OK button to confirm the modification.

Video resolution: 2560x1440 30P   2304x1296 30P   **1920*1080 30P**   1920*1080 60P 1280*720 60P   HDR 2560x1440 30P/HDR 1920*1080 30P

NOTE-**1080P** & **25 frames** is the most common setting and gives great video. If you want higher quality and sharper video we recommend **2560 x 1440p** setting, but this gives about 1/3 less record time on the memory card.

Image quality： Three effects： superior/good/general

Advanced driving assistant system detection (ADAS Safety Assistance): on/off, default is off, also recommend off(not available for the resolution of 2304*1296), is the setting of LDWS and FCWS function.   **OnSiteCameras recommends you leave this feature ADAS OFF as it is not a safety feature that is guaranteed.**

Description：

1) **LDWS** - **Lane Departure Warning** system: when vehicle exceed white lines during changing lanes, it will remind driver. **OnSiteCameras recommends leave this OFF.**

2) **FCWS** - **Front Collision Warning** system: when predict the dangerous driving it will remind the driver 3 seconds before dangerous happens, and called the third eye which never tired. **OnSiteCameras recommends leave this OFF.**

Motion Detect： On/Off, **default is off.** Please set this function off when normal recording, as it will cause irregular power off/on and recording time happens if on. please first set the "Motion Detection" on and "Auto Off" off in the menu settings before using this feature.

Motion Detection： Fix the camera then turn on (please stop recording by hand if the unit is recording), it will record when there is anything/object moves in front of camera or when camera lens moving. It will stop recording when no any object move, if the image (in front of the camera) changes all the time, then camera will record cycle by cycle and not record if any object is still. Due to the software algorithm there may be some error detection which may lead to leakage of recording. Please take a caution before use.

G-sensor setting： Four modes：off/high/middle/low **OnSiteCameras recommends LEAVE OFF.   If you leave this setting on your memory card will quickly fill up and not record.**

Parking Monitor/Parking Mode： On/off， default is off. Please firstly set the "Parking Mode" on in the menu settings before using this feature.   **LEAVE OFF**

Parking Mode Description: When vehicle vibrates by collision, and vibration strength reaches the parking mode operating range, the vehicle will auto on and record, after 30 seconds camera will auto off and save and lock the current video at the same time, which also will not be recorded over unless you manually do this.   **Note-this only works if the camera has POWER 24/7   Leave off.**

Split Record Time (loop time)：Off/1min   **recommended 1 minute**

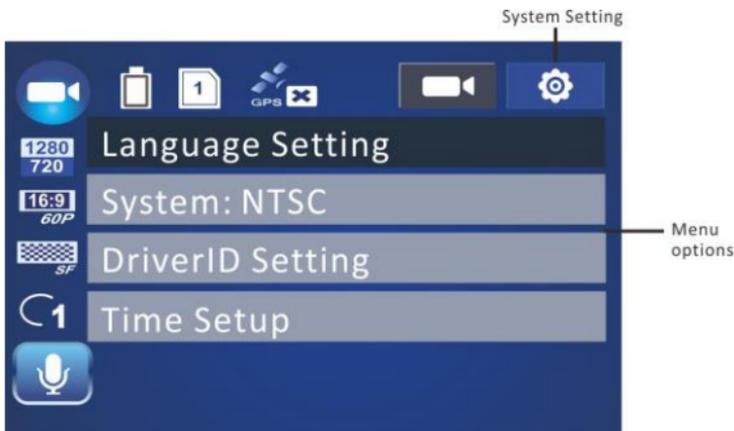**MIC**：on/off   the default is off   **recommend leave ON**

Anti-flicker：60Hz/50 Hz   **Australia is 50HZ**

System setting: After power on enter the video mode, the video icon will be shown on the LCD top left corner: short press MENU button twice to switch the system setting, the video blue icon will be shown on the LCD top right corner: there are below setting options at the screen, they are Language setting, System: NTSC ,Drive ID Setting, Time setup, Stamp setting, Format, Default setting, Auto Power off setting, Card Volume, Warning tone setting, Backlight setting, Software version information;

Operation:

1. Short press Up/Down button to switch the setting options

2. Short press OK button to enter the setting, short press up/down button to modify the setting

3. Short press OK button to confirm the modification, if NO to saving the modification, just press menu button to exit.

Language Setting: English/ Simplified Chinese etc.

System Format: MTSC/PAL   **AUSTRALIA uses PAL System**

Driver ID setting: set1-9   9 positions

Time setup： set year/month/date/time

Stamp setting： Three modes：date/time/vehicle driver no.   the default is off

Format： choose ◎or ×，choose ◎means format, choose × means no;

Default setting: choose ◎or ×，choose ◎means reset, choose × means no;

Auto Power off setting： Four modes：off/ **1 minute** /3 minutes/5 minutes

Card volume： Three modes：total capacity /usage /surplus

Warning tone setting： on/off, default is ON

Backlight Off setting： Four modes：**OFF** /1 minute /3 minutes/5 minutes

If you want the LCD screen to stay on when driving, and is **recommended** leave the setting in **OFF** mode. If you want the screen to go dark during NIGHT driving select 1 minute. Touches any button once and the screen will light up again.

Version info： view the software version information;

Photograph setting   **(not recommended to use as a Still camera)**

After power on, short press MODE button to switch to the photograph camera mode, the photo icon will be shown on the LCD top left corner, press MENU button to enter the settings, there are 2 setting options: Photo resolution, Image quality; short press up/down button to switch the setting options, short press OK button to enter the setting, short press up/down button to modify the setting, and short press OK button to confirm the modification.
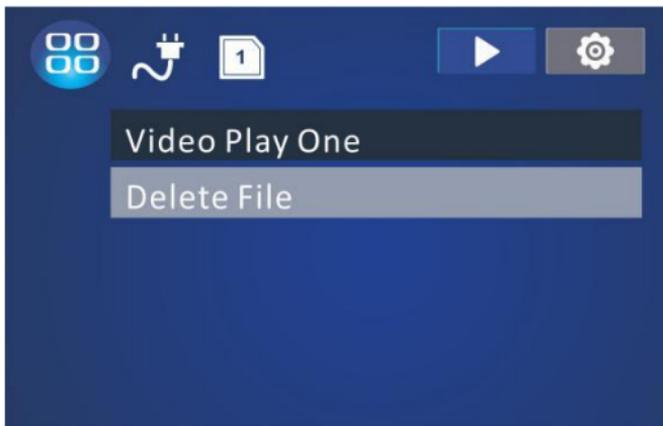
Photo resolution：Four modes:4M(**2688×1512** 16:9)/8M(3264×2448 16:9)/14M(4384×3288 16:9)/16M（4608×3456 16:9）

Image quality：Three modes: **superior**/good/general

Playback setting

After power on, short press **MODE** button twice to switch the playback setting, the photo icon will be shown on the LCD top left corner, press MENU button one time to enter setting, there are 2 setting options (Play mode setting, Delete the file); short press up/down button to switch the setting options, short press OK button to enter the setting, short press up/down button to modify the setting, and short press OK button to confirm the modification.

Play mode setting： Four modes：play single/ play all/ single loop/all loop   the default is play single

Delete file： Two modes：delete the current file/delete all files   the default is delete the current file

F. Product Specification:

Product Feature	AutoCam Super HD
G-sensor	Built-in (to save the file emergency, and cannot be deleted anymore if the collision of vehicles happen) **Not recommended to use**
LCD Size	2.7LTPS 16:9

Lens	170 Degree A+ HD ultra wide angle
Photo Pixel	1800W
Video Pixel	500W
Lens Aperture	F=1.8
Language	English/Simplified Chinese etc
Video Format	MOV.
Video Resolution	Seven modes:2560x1440 30P 2304x1296 30P **1920*1080 30P** 1920*1080 60P 1280*720 60P HDR 2560x1440 30P/HDR 1920*1080 30P
Video Codec.	H．264
Color Effect	Standard
Loop Recording	Recording with seamless video, no gap leakage
Auto turn on/off while vehicle power on/off	Supports camera turn on when the vehicle starts. And turns off while the vehicle shutdowns.
Motion Detection	Support
Year/Month/Day/Hour/Minute	Support

Photo Pixel	4M/8M/14M/16M
Photo Format	JPEG
Memory card	Micro Memory Card, **Class 10 Only** (Supports Max 200 GB) **Note**-The memory card must be a professional brand class 10 and no copies or cheap imitations used or the camera will not function properly
MIC	Supports
Built-in Speaker	Supports
GPS Speed/Tracking Module	Support Optional (With GPS no AV, or With AV no GPS) Module is an **OPTIONAL EXTRA**
ADAS Function	LDWS, FCWS **not recommended to USE**
USB Function	1：Storage 2：Charging
Power Interface	5V 1.5A/1+5-
Battery	Built in Li-ion Battery
Park Mode	Supported. **But MUST be switched OFF again before driving. Camera needs 24/7 power to run this function**
	-30°to 80° **Remove camera from vehicle if over 60 C**

GPS player software Installation and Using Instruction (Only suitable for the units with GPS function)

If need check the GPS information , the professional player must be used

1.   Please install the file provided for the camera. See www.onsitecameras.com under

       FAQ   AutoCam Super HD.   See track speed software

2.   **THIS IS for PC only.**   MAC not supported.   Unless 3rd party player used.

3.   Please copy the file from the website to your computer and install.

Using the player software:

（1）Please open the player.

（2）Click File –Open to choose the file which need play, and open the play mode directly,

as below

IMPORTANT- to watch any video from your camera we recommend almost any media

player. VLC Player is our first choice as it plays almost any video. See our website under

FAQ for this. You can also find it here. **www.videolan.org/vlc/download-windows.html**

G. Frequently Asked Questions

Under normal operating conditions, if there is any issue with the camera please refer to the
following methods to solve or contact **OnSiteCameras** by email or phone.

Cannot take picture and record

Please check whether there is enough space on the memory card, or if it is locked.

Stopping automatically while recording

Due to the huge amount of HD video data, please use high-speed **Class 10** memory cards only. The memory card must be a **PREMIUM** brand and not a copy or a cheap imitation from ebay etc. OnSiteCameras uses Kingston and SanDisk memory cards only.

There is "wrong file" shown on LCD when replay the photo/video

Uncompleted files because of memory card storage error, please format your memory card. You will lose all information on your memory card as this will wipe clan the memory card

Fuzzy image

Please check if the lens has any dirt, fingerprints, or marks on it.   Please clean the lens if needed.

The color is not good in the cloudy or indoor

Please check the "white balance" is set to **Auto** in the menu.

Any other questions please call or email OnSiteCameras.   Or read FAQ on our website. see www.onsitecameras.com