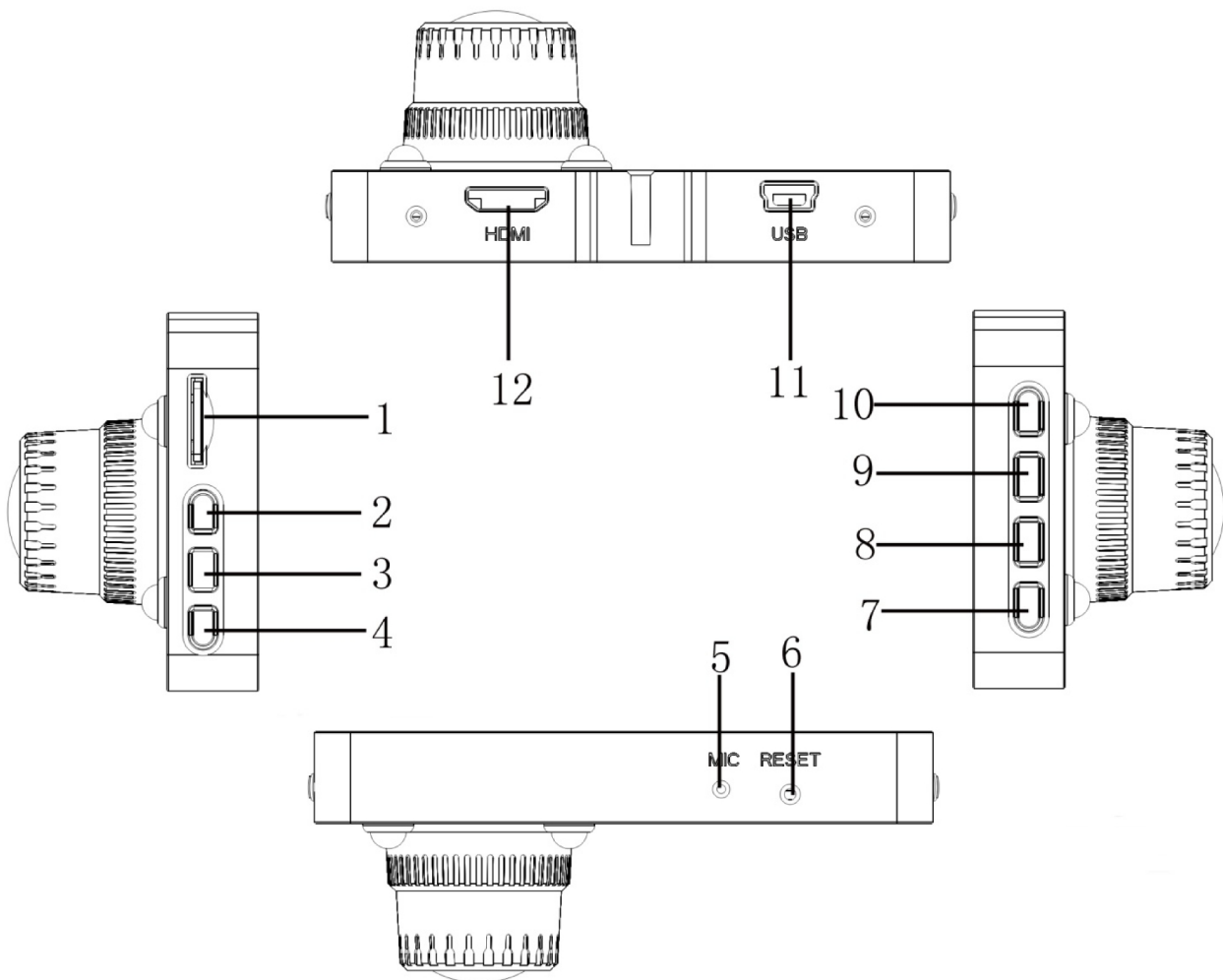




## F170 User Manual

### Product Introduction

- Product structure



1) Micro SD Card Slot

2) UP Button

3) MENU Button

4) DOWN Button

5) MIC

6) Reset

7) Power Button

8) Lock Button

9) Mode Button

10) OK Button

11) USB Port

12) HDMI Output

### **Description of function of Keys :**

- 1) Micro SD Card Slot  
Insert and Eject SD Card (Please use Micro SD Card Class 4 and above)
- 2) Up Button  
Move up to select the function keys in menu option;  
Zoom in in standby or recording mode;
- 3) Menu Button  
Press one to enter into first page of menu  
Press twice to enter into second page of menu
- 4) Down Button  
Move down to select the function keys in menu options;  
Zoom out in standby or recording mode;
- 5) MIC  
Used to record sound
- 6) Reset  
Press and hold 10s with power connected to reset device
- 7) Power Button  
Long press to ON/OFF device  
Press once to ON/OFF night vision setting
- 8) Lock Button  
Press lock button to lock current recording file and this file will be delete by system
- 9) Mode Button  
Switch to video recording mode, picture mode and video playback mode
- 10) OK Button  
Confirm button under menu option  
ON/OFF video recording under recording mode  
Take Photo under picture mode
- 11) USB data interface  
Connect PC to transfer data;  
Connect external power source(Cigarette Lighter / 5v Battery) to supply power;

- 12) HDMI-OUT  
Support Mini-HDMI Cable and able to output video to TV

## **Operation:**

- **Resolution**

Recommend resolution: 1080FHD 1920x1080  
720P 1280x720

- **Loop Recording**

Select the length of each video clip: 1mins, 3mins, 5mins

No video gap between two video file, system will auto delete the earliest file when SD card recorded full

- **WDR**

Wide Dynamic Rang, attribute of an imaging system that can record greater scene details

- **Exposure**

Recommend to leave it default +0.0

- **Motion Detection**

Off this setting for recording while normal driving  
On this setting for Parking Recording

- **Record Audio**

ON: Record audio while video recording  
OFF: Record video only, no audio

- **Date Stamp**

ON: Show date stamp on recorded video  
OFF: No date stamp on recorded video

- **Parking Wake**

Record video when vibration detected and car parking under standby mode(New feature, still under testing, not ready yet)

- **G-Sensor**

Lock recording file when emergency break or car crash happened, system will not delete this file automatically. (Note: Do not the G-sensor setting too sensitive)

- **Date/Time**

Set system Date and Time(One time only, built-in battery will keep to setting)

- **Auto Power Off**  
Power off device when device idle
- **Beep Sound**  
System button sound
- **Language**  
Support English, French, Spanish, Portuguese, German, Italian, Chinese Simplify, Chinese Traditional, Russian, Japanese
- **Default Setting**  
Set device back to system default
- **Screen Savers**  
Off the screen after certain timing(3mins,5mins,10mins), but device still recording. Press any button to get back to normal screen display
- **IR LED**  
ON/OFF night vision
- **Car Plate**  
Enter your own car number plate into this device and it will shown in the recorded video
- **Frequency**  
50Hz or 60Hz, recommend 50Hz
- **Format**  
Format SD card (For the 1st time using, please format the SD card first)
- **Version**  
Display system firmware version

## USB mode

Connect the device to PC, press “power on” button, the machine will automatically show USB menu as below:

USB-Disk : In this mode you can access video files or photo files

## Battery instruction

- Battery indication image:



Full battery



slightly low battery



low battery



battery empty

## ● Products specifications

Features	HD Camera, HD Video
Program	Ambarella (70CPU)
G-sensor	Built-in (car accident case of emergency save, will not be deleted)
LCD screen size	3.0LTPS (16:9)
Lens	170 degree A + grade high-resolution ultra-wide-angle lens
Language	English, French, Spanish, Portuguese, German, Italian, Chinese Simplify, Chinese Traditional, Russian, Japanese
Files format	MOV.
Camera	5 Mega Pixels
Recording video format	H. 264, Audio: AAC
Color	standard
Continuous loop video	seamless loop recording, don't leak second
Automatically power on/off	Support auto ignition boot, turn off shutdown
Motion Detection Function	support
Time synchronization	Support (Y/M/D/H/M)
Carrier media	Built-in memory ( total:32MB)
Photo mode	12 million
Photo format	JPEG
Memory card	TF (max 32GB)
MIC	Support
Built-in stereo	Support
Infrared night vision	Support
Output Video format	PAL/NTSC

Frequency	50HZ/60HZ
USB function	USB-Disk
Power interface	5V 1A
Battery	Built-in 200mAh