

# Specifications

## Connectivity

Headphones: 2.5 mm  
 AV in: 2.5 mm  
 AV out: 2.5 mm  
 HDMI: type D (micro)  
 USB: micro USB 2.0

## Display

Type: LCD color display  
 Diagonal screen size: 2"/5.1 cm  
 Resolution: 320 × 240 pixels

## Video recording

Chipset: Ambarella A7LA50  
 Sensor: 5 MP CMOS sensor  
 Viewing angle: 170 degrees  
 Video resolution: 2560 × 1080 px (21:9)  
 25/30 fps, 2304 × 1296 px (16:9) 25/30 fps,  
 1920 × 1080 px (16:9) 25/30 fps, 1280 × 720 px  
 (16:9) 25/30/50/60 fps, 848 × 480 px (16:9)  
 25/30/50/60 fps  
 Video encoding: H.264  
 Video format: MPEG4  
 Loop recording  
 Automatic file split: 5 / 10 / 15 / 20 / 30 minutes  
 Pre-record function: max. 50 seconds  
 Post-record function: 5 / 10 / 15 / 30 / 60  
 seconds  
 Motion detection: low, medium, high  
 Car DVR mode

## Photo capturing

Capture photos during video recording  
 Image size: 32 MP, 23 MP, 20 MP, 18 MP,  
 16 MP, 14 MP, 12 MP, 8 MP, 5 MP, 3 MP  
 Image format: JPEG  
 Photo quality: super fine, fine, normal  
 Burst photo shooting: 3 / 5 / 10 / 20 photos  
 in a row  
 Self-timer: 3 / 5 / 10 / 30 / 60 seconds  
 EV correction

## Night Vision

Infrared light: 6 IR LEDs  
 Flash light: 2 LEDs  
 Up to 6 meters with visible face image

## Audio recording

Built-in microphone  
 Audio format: WAV  
 Recording mode: HQ (1536 kbps), SLP (385  
 kbps)  
 Microphone sensitivity: low, medium, high  
 Noise cut

## Storage media

MicroSD card socket: up to 128 GB

## Convenience

Upgradeable firmware  
 Device languages: English, French, German,  
 Spanish, Polish, Russian  
 Built-in speaker  
 One-touch recording  
 Audible, visual and haptic indications when  
 starting and stopping recording  
 Marker for important videos  
 Auto-off function: 1 / 2 / 3 / 5 minutes  
 LCD auto-off function: 30 seconds, 1 minute,  
 3 minutes

## Security

File tagging with GPS coordinates  
 Water mark: user ID, time and date stamp  
 embedded in video  
 Unique user ID: 5 digit device ID and 6 digit  
 personal ID  
 Auto-divide function to prevent corruption of  
 video files caused by erroneous operation.  
 Recordings can only be deleted on the  
 computer via USB cable.

## Power

Battery type: Li-polymer built-in battery  
 Battery capacity: 3400 mAh  
 Battery lifetime: 9.2 hours (848 × 480 px), 9  
 hours (1280 × 720 px), 8.4 hours (1920 × 1080  
 px), 8.2 hours (2560 × 1080 px), 7.2 hours  
 (2304 × 1296 px)  
 Charging time (full charge): 5 hours

## System requirements

Free USB port  
 Operating system: Windows 10/8/7, macOS 10

## Design and finishing

Color(s): dark grey

## Operation conditions

Temperature: -5° – 45° C / 23° – 113° F  
 Humidity: 10 % – 90 %, non-condensing  
 IP67 water and dust resistance

## Green specifications

Lead-free soldered product

## Package contents

Recorder  
 Memory card  
 Mounting clip and pins  
 AV cable  
 USB cable  
 Pouch  
 Quick start guide

## Product dimensions

Product dimensions (W × H × D):  
 61 × 91 × 34 mm / 2.4 × 3.6 × 1.3 inch  
 Weight: 180 g/6.2 oz.

