

BK-302/301 Star Vision Driving Recorder User Manual





Table of Contents

I. Product Overview:	3
II. Contents of Package:	3
III. Unit Description:	4
III.1 Main Unit	4
III.2 Rear Camera (Optional accessory)	5
IV. System Overview:	5
V. Installation:.....	5
VI. Installation of the APP:	7
VII. User Interface description	8
VIII. System Setting:	9

I. Product Overview:

Thanks for choosing BK-301 Star Vision Driving Recorder. BK-301 is a high-performance automotive driving recorder, offering full HD high resolution at both front and rear cameras, allowing you to record the evidence of an unexpected accident. It features with very high dynamic range (HDR) and ultra-high ISO from Sony Starvis CMOS sensor, rendering it can achieve outstanding day & night recording performance.

II. Contents of Package:

The package of BK-301 contains the standard accessories as shown below. If you wish to buy the optional accessories, please contact local distributor for further purchase.

Standard Accessory:

1. Main Unit-
Front Camera



2. Adjustable Stand with
Double-sided Tape



3. Powering & Signal
Cable (Length: 3M)



4. Micro-SD Card



Noted: For proper recording operations, the storage of Micro-SD card must between 16G~64G, above Class 10.

Optional Accessory

1. Rear Camera



2. Adjustable Stand with
Double-sided Tape

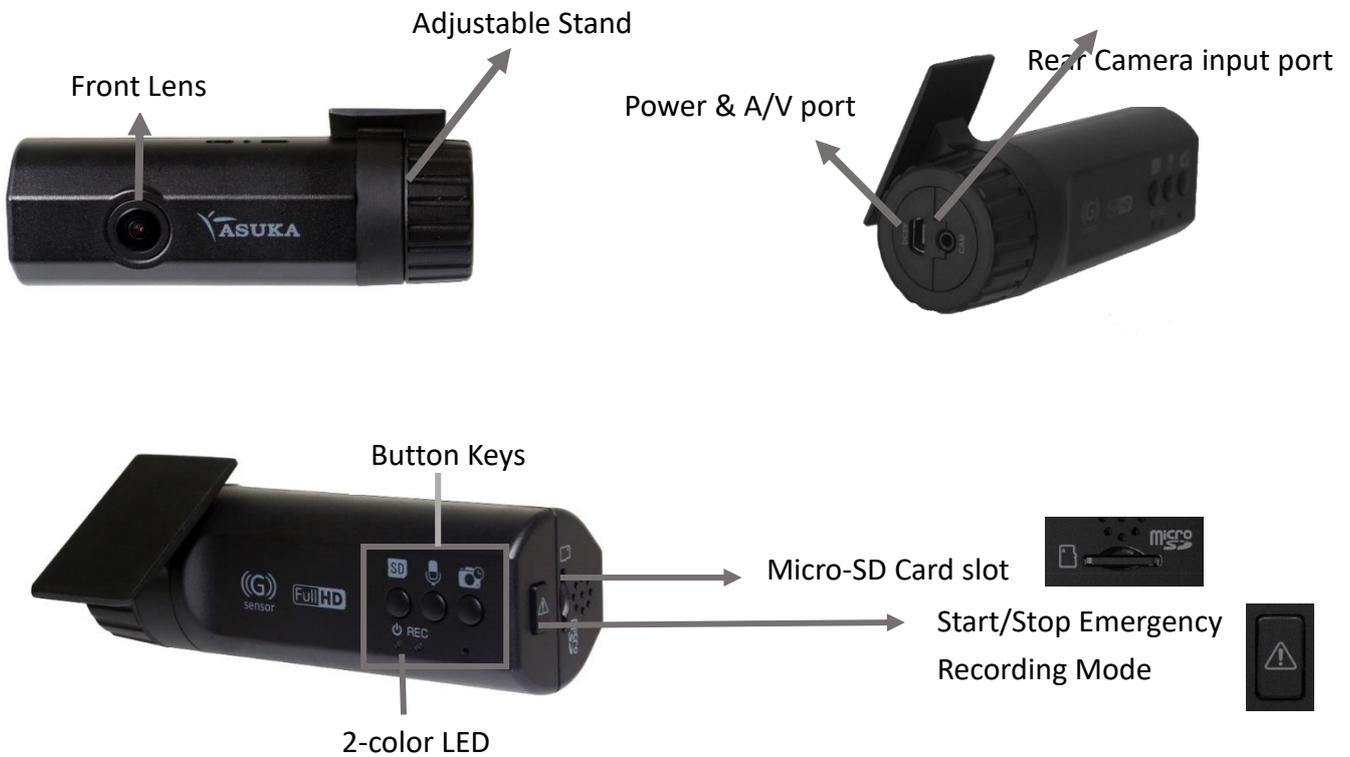


3. Rear Camera Signal
Cable (Length: 9M)



III. Unit Description:

III.1 Main Unit



Buttons description:

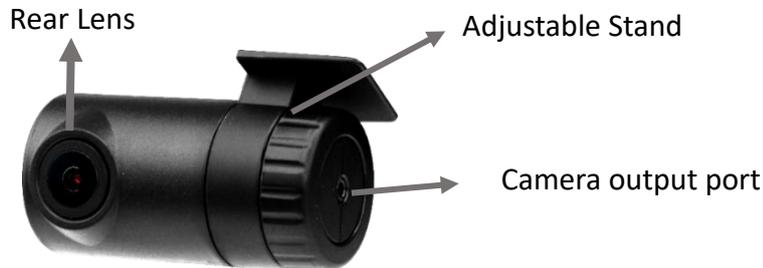
	Press for 3 Seconds to format the SD Card
	Swift on/off the Sound Recording
	Press to turn on the time-lapse recording

LED status indicators:

Red Light On	DVR is powered on.
Blue Light On	Recording in progress.
Blue Light Fast Flashing	Emergency recording mode.
Blue Light Slow Flashing	Time-lapse recording mode.



III.2 Rear Camera (Optional accessory)



IV. System Overview:

This BK-301 intends to work in adjunction with any in-car head unit that provides USB port.

The system configuration is illustrated below, in which the BK-301 output is connected to the USB port of the target head unit.

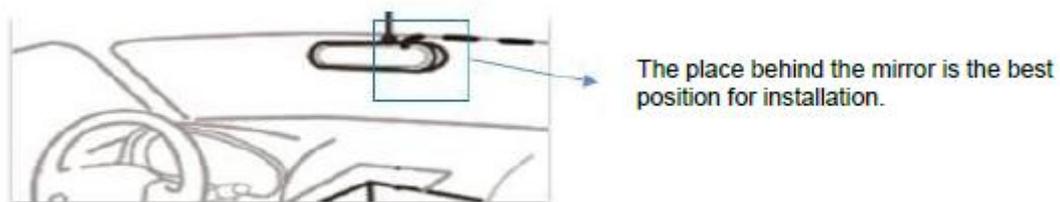


The USB connector contains wiring for powering, video signal, and command control. So, no additional wiring is required.

V. Installation:

Step 1. Select a suitable place, clean the target area in the windshield.

Select a suitable place for BK-301 main unit installation.

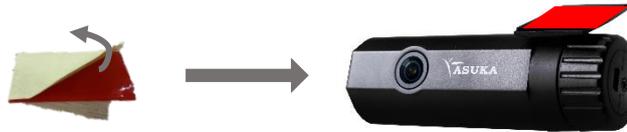


Step 2. Assemble BK-301.

1. Assemble BK-301 first.



2. Remove the yellow paper of double-sided tape and paste it with BK-301.



3. Insert SD memory card.



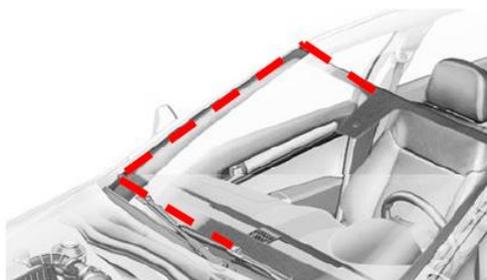
Step 3. Stick BK-301 on the target area.

Remove the other side of double-sided tape and stick it onto the windshield.



Note: As the double-sided tape cannot be re-pasted, please make sure the position before you paste the stand onto the windshield.

Step 4. Route the Power cable from BK-301 to the head unit.



VI. Installation of the APP:

When interworking with a head unit, an APP is required to set up the playback, and to control the unit. Please follow the below steps to install the APP.

The APP is called: Drive Recorder. It looks like the following:



Note: For ASUKA head unit, this app has been built-in in advance, so there is no need to install.

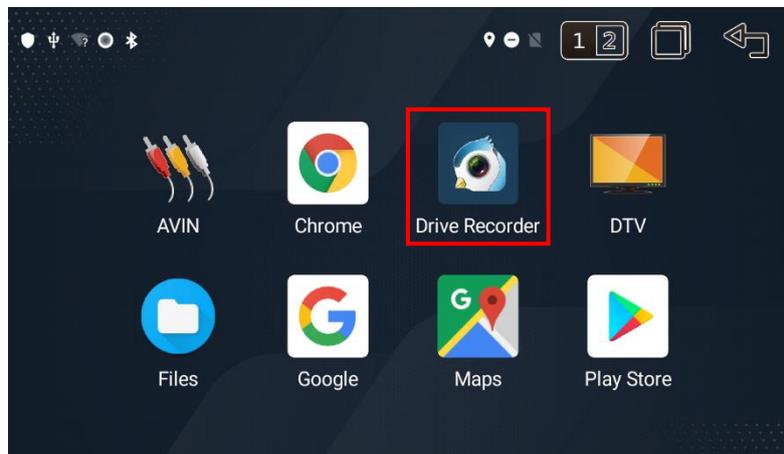
Step 1. Download the Drive Recorder APP.

Download the drive recorder APP from ASUKA official website to the USB.

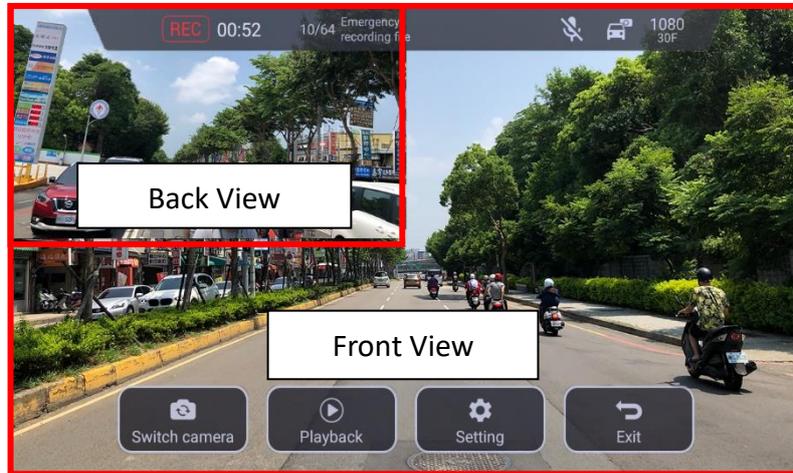
Step 2. Install the APP.

Insert the USB with drive recorder APP, press “download” to install the APP.

Step 3. The APP will be shown on the head unit after installation.



VII. User Interface description:

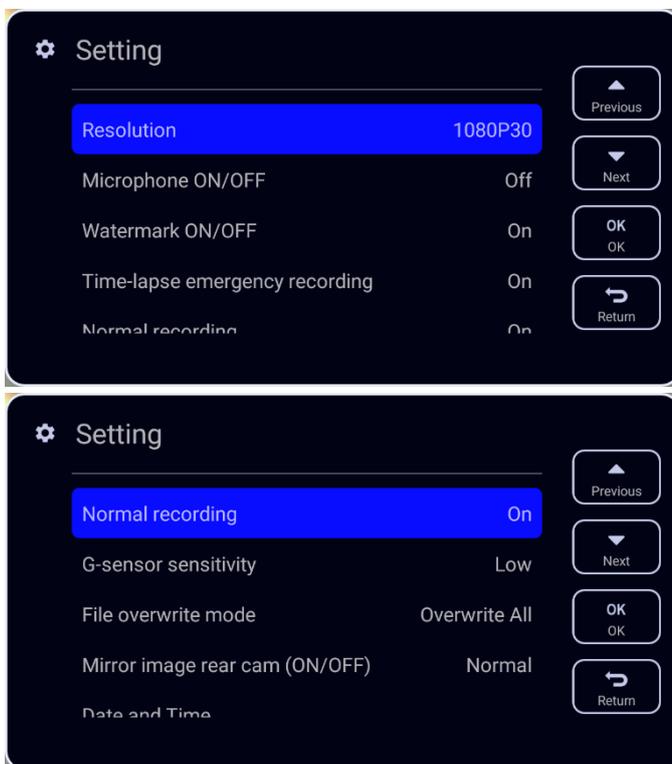


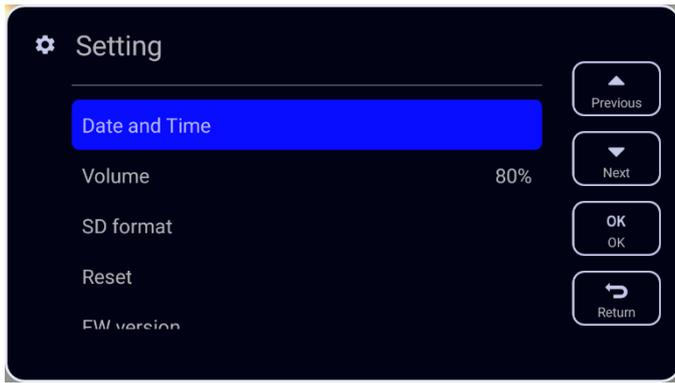
1	Current record time	Display length of the current recording.
2	The number of emergency recording file/ Total number of emergency recording files	
3	Voice recording indicator	Indicates if voice recording is on or off.
4	Rear camera recording indicator	Indicates if rear camera is connected.
5	Resolution indicator	Display video resolution status.
6	Press  to switch front and rear cameras' view.	
7	Press  to see the playback.	
8	Press  to enter the setting page.	
9	Press  to exit the app.	

VIII. System Setting:

1	Resolution	Set the resolution to: 1080p 30fps; or 720p 30fps.
2	Microphone ON/OFF	Turn voice recording function on/off.
3	Watermark ON/OFF	Turn watermark on/off.
4	Time-lapse emergency recording	Turn time-lapse emergency recording on/off.
5	Normal emergency recording	Turn normal emergency recording on/off.
6	G-sensor sensitivity	Set the collision detection level to High, Middle, or Low.
7	File overwrite mode	
8	Mirror image rear cam (ON/OFF)	
9	Date & Time	Set the system date and time.
10	Volume	Set the system volume.
11	SD format	Format Micro SD memory card.
12	Reset	Reset all device settings.

In playback mode, you can quickly switch among categories of front camera, rear camera, and emergency recording files, browse, and select the file to play.







Features:

1. Suitable for all personal vehicle.
2. Small size, easy installation, and dismount, it does not affect the driver's line of sight.
3. Insert the card and power on to start recording without additional operating.
4. Recording driving condition and display on the screen directly.
5. Front view angle approx. 130 degrees. Back view angle approx.. 130 degrees.
6. Micro SD memory card Class 10 or above is recommended.
7. G-sensor sensitivity can be adjusted according to road situations. When detect a strong shock, system will start emergency recording and keep the files without being overwritten.

Caution:

1. Do not drop, puncture, or disassemble the device; otherwise the warranty will be voided.
2. Avoid all contact with water, and dry hands before using.
3. Use the device with care. Avoid pressing hard on the device.
4. For your own safety, do not operate the device while driving.

Warranty:

We provide customers with a warranty of 12 MONTHS from the date of purchase. Please visit our official website for more details.