



Universal 360 degree Dashcam and rearview camera

Visit iBeamUSA.com for more detailed information about the product and up-to-date vehicle specific applications

Product Features

- 360 view of the front facing, drivers view and interior of vehicle with audio recording
- Rearview camera included
- 4" screen
- Parking Monitor
- Collision lock supported

KIT COMPONENTS

- A) Dashcam with monitor
- B) Power harness and extension
- C) Rearview Camera



TABLE OF CONTENTS

Wiring.....	2
Operation.....	3
Settings Menu.....	4
Other Menu options.....	5
Power Off Options.....	6
Specifications.....	7

TOOLS REQUIRED

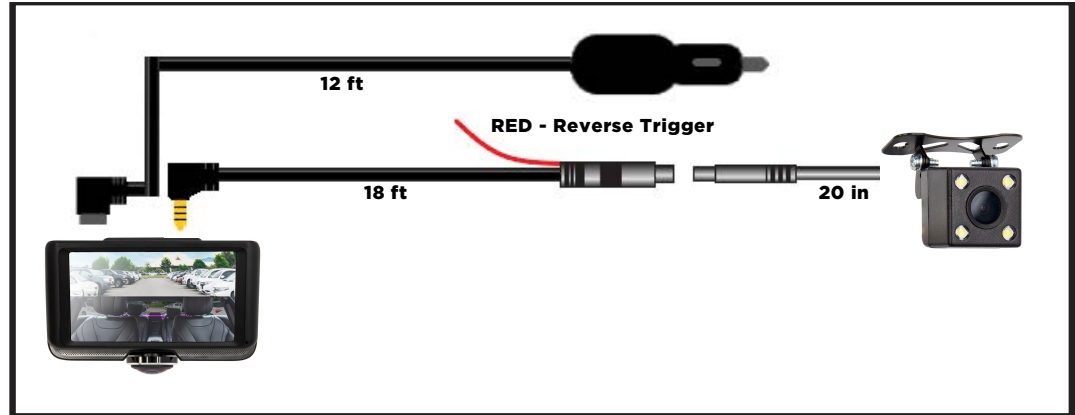
- Cutting/stripping tool
- Tape
- Pry tool

Attention! When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.

WIRING

Dashcam Wiring:

1. Mount the dash camera to the windshield using the provided double sided tape. It is suggested to clean the windshield first with an alcohol wipe.
2. Run the wire and plug in the DC plug to obtain power to the dash camera.
3. Position the 360 degree camera.
4. Run the extension wire to the rear of the vehicle for the rearview camera.
5. Mount the rearview camera outside near the center of the vehicle. It is suggested the camera be mounted outside. The camera will be recording the rear visual, but also works as a backup camera.
6. Connect the **RED** wire on the extension cable to a reverse trigger in the vehicle. This will trigger the reverse input on the dash camera and the rear visual will go full screen and provide guidelines. When it is triggered, the LEDs activate.



(Figure A)

OPERATION

Operation call outs: (Figure B)

1. **MINI USB POWER:** 12 foot DC power cable for the dash camera power. It can be hooked up to 12v accessory or 12v constant depending on how the vehicles DC or cigarette sockets are powered.
2. **Rear Camera Connection:** The extension cable from the rear view camera plugs into this slot.
3. **Micro SD card slot:** Max. 32gb micro SD card

Menu Layover:(Figure C)

When any of the actions below are needed, tap the touchscreen and the Menu will appear.

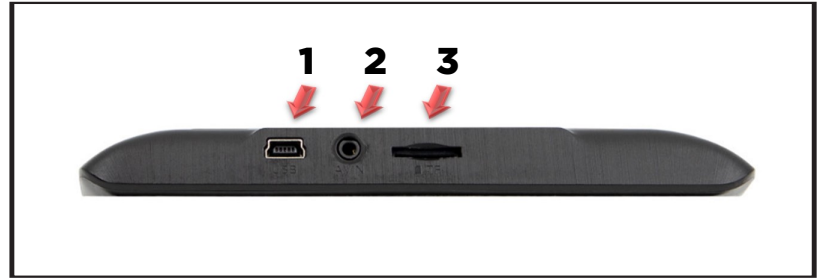
 : Starts the video recording

 : Takes a snapshot of the screen

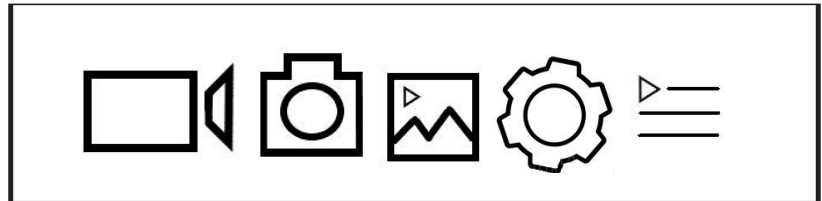
 : Playback menu for video and snapshots

 : Settings Menu

 : Viewing menu





(Figure B)



(Figure C)

SETTINGS MENUS

Settings Menu:

To enter the settings menus, recording must be stopped by pressing the  icon. Press the setting button  to enter the settings menus.

Settings Video: (Figure C)

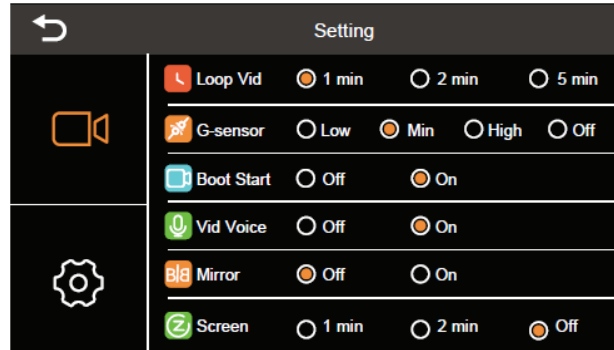
In this menu the user can:

- set duration of the loop recording
- set the sensitivity of the G-sensor
- set the frequency(quality) of the recording - this will save storage space on the micro SD card. (not pictured)
- set if the dash camera should boot up automatically
- set audio recording
- set reversal of the rear camera image
- Turn screen saver on/off

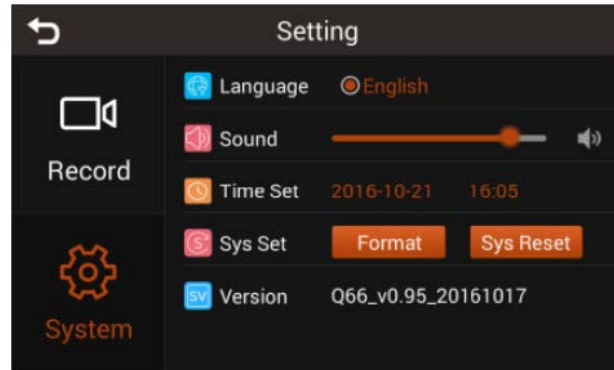
Settings interface: (Figure E)

In this menu the user can:

- set language
- set the brightness (not pictured)
- set the volume
- set the date and time
- format the SD card or perform a system reset



(Figure D)



(Figure E)

OTHER MENU OPTIONS

Playback Menu: (Figure F)

You can access this menu by hitting the  icon in the Menu Layover. (pg. 3 Figured D)



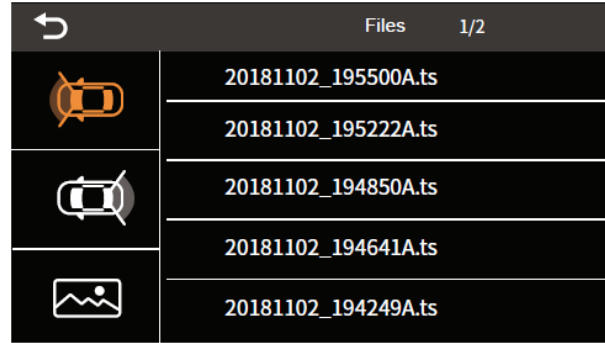
- Provides video files from the 360 camera



- Provides video files from the rearview camera



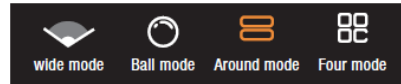
- Provides snapshots taken



(Figure F)

Viewing Menu: (Figure G)

You can access this menu by hitting the  icon in the Menu Layover. (pg. 3 Figured D)



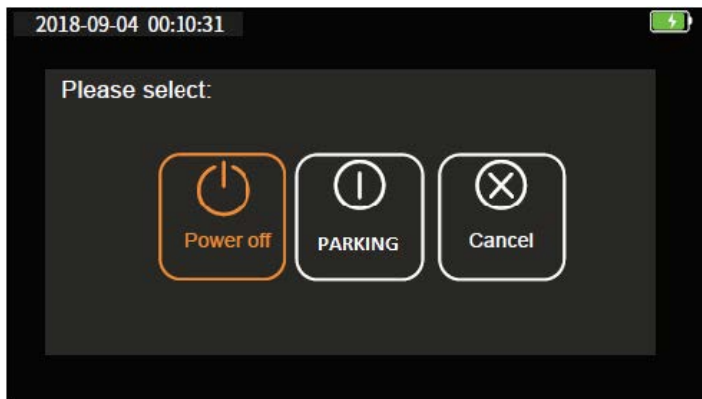
(Figure G)

POWER OFF OPTIONS

Power Off Options: (Figure H)

When the vehicle is turned off, the dashcam screen will display an alert. This alert will appear for about 3 seconds. If there is no operation, the unit will be turned off automatically. (Figure H) There are three options in the alert menu.

- **Power off** : This option powers down the dashcam.
- **Parking Mode** : Video will start to record with a shock of the dashcam and record for 11 seconds and lock the files so they cannot be overwritten.
- **Cancel** : Cancels the power down and allows the dashcam to run on stored powered.



(Figure H)

SPECIFICATIONS

Parking Mode	Support
Loop Record	Support
Video Format	MP4
Picture Format	JPEG
Lens Pixel	300M px
Lens Angle	360° (front), 130° horizontal (rear)
LCD	4", 480x800 resolution
Touch Screen	5 points touch
Micro SD card	Supports 8gb-32gb Class 6 and up
Speaker	4 Ω 2W
MIC	-38dB
Collision Lock	Support
Low Voltage Protection	Support
High Voltage Protection	Support
USB	Mini USB 2.0
Supply Voltage	DC 10.5V – 16V
Operating Temperature	-20°C - 65°C
Storage Environment Temperature	-40°C - 85°C
Power Circuit Protection	Support
Power Reverse Protection	Support



TE-DVR360

INSTALLATION INSTRUCTIONS



Having difficulties? We're here to help.



Contact our Tech Support line at:

1-800-253-TECH



Or via email at:

techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 7:00 PM

Sunday: 10:00 AM - 4:00 PM



KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.



**Metra recommends MECP
certified technicians**