

Universal 9” Full Screen Live-Streaming Real-Time Mirror and Dual DVR

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Product Features

- 9” Full screen, Real-Time rear view image
- 1080p @ 30 fps front and rear camera
- Dual channel DVR
- Split screen viewing (front and rear)
- ADAS visual and audible alerts when in split screen

Part Components

A) Mirror B) Camera C) Cables

A



B



C



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TOOLS REQUIRED

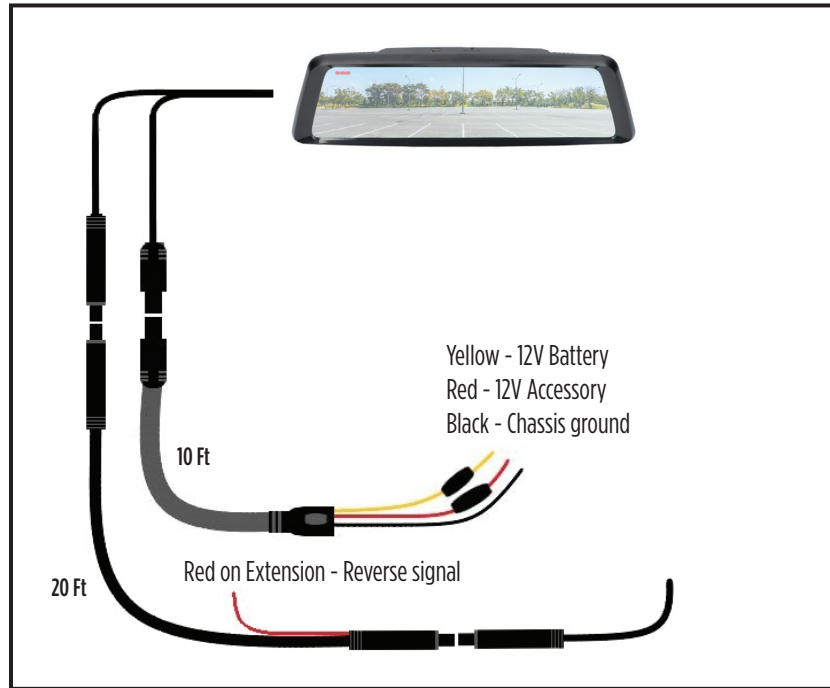
- Wire stripper
- Tape
- Digital Multi-meter
- Cutter

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

WIRING

Mirror Wiring (Figure A)

1. Remove the factory mirror from the windshield and mount the TE-SM9 to the D-shaped mount on the windshield. If the D-shaped mount is not available, please use iBEAM part # [TE-M06](#).
2. Run the wiring across the headliner and down the A-pillar to the underdash area.
3. Connect the wires to the designated sources. **Verify with a multi-meter that the correct wire is being used.**
 - **YELLOW** wire to 12V battery
 - **RED** wire to 12V accessory
 - **BLACK** wire to chassis ground
4. Run the extension wire to the rear of the vehicle and mount the camera to the exterior of the vehicle.
5. Connect the **RED** wire on the extension wire to a reverse signal found at the taillight. **Verify with a multi-meter that the correct wire is being used.**











(Figure A)

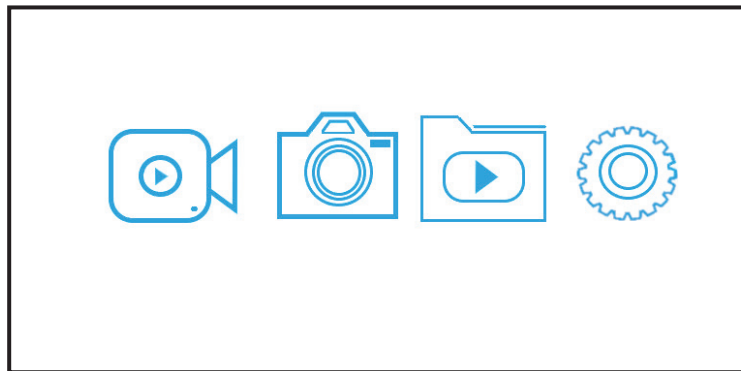
MIRROR OPERATION

Menu Operation

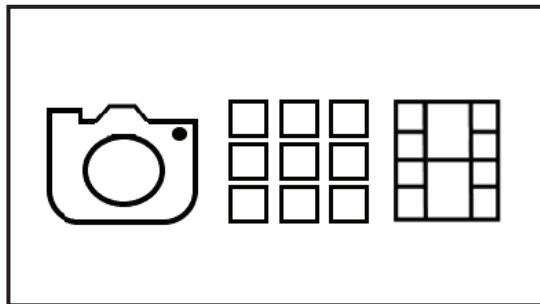
1. To gain access to the menu, press the touchscreen and icons will appear on the screen.
2. The following icons get you into the specific menus.

(Figure B)

-  Starts and stops recording
 -  Takes a snapshot of the camera's visual
 -  Shows a list of the recorded files
 -  Settings menu
3. By pressing the  icon you can get into the settings for each function. (Figure C)
-  Photo settings
 -  General settings
 -  Video settings



(Figure B)



(Figure C)

SETTINGS MENU

Settings Menu

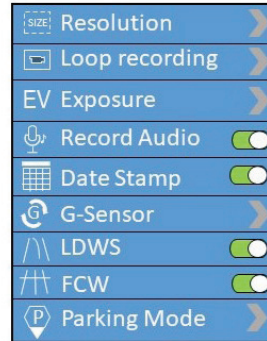
1. Video settings (Figure D)

- Resolution - FDH P30
- Loop recording - off / 3 minutes / 5 minutes / 10 minutes
- Exposure - + 2.0 ~ - 2.0
- Record Audio - on / off
- Date stamp - on / off
- G Sensor - off / low / medium / high
- LDWS (lane detection watch sensor) - on / off
- FCW (forward collision warning) - on / off
- Parking mode - off / time lapse

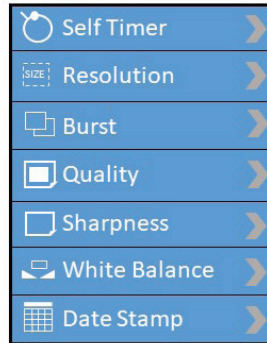
2. Photo settings (Figure E)

- Self timer - off / 2s timer / 5s timer / 10s timer
- Resolution - 12M 4032x3024 - VGA 640x480
- Burst - single / Burst 3
- Quality - fine / normal / economy
- Sharpness - strong / normal / soft
- White balance - auto / daylight / cloudy / tungsten / fluorescent
- Date stamp - off / date / date/time

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(Figure D)

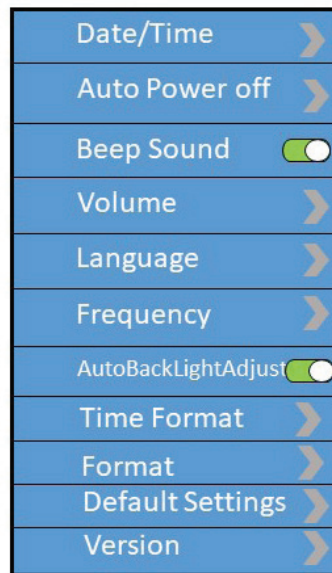


(Figure E)

SETTINGS MENU (CONTIN.)

3. General settings (Figure F)

- Date/time - set year/month/date and time
- Auto power off - off / 1 min / 2 min / 3 min / 5 min / 10 min
- Beep sound - on / off
- Volume - 0 - 10



(Figure F)

SPECIFICATIONS

Screen Type	LCD
Screen size	9 inches
Back camera	Sony304, 1080p, 170 °
Front camera	Sony323, 1080p, 170°
Video format	MOV
Screen Resolution	1080p FHD, 1600 x 400
G-sensor	Yes
Languages	Multiple
Photo Format	JPG
Maximum micro SD card	128 GB
Microphone	Yes (on/off)
Current frequency	50hz/60hz
Frames per second	30fps front and rear
Recording	Front and rear
Time Setting	12h/24h
Brightness adjustment	Yes
Parking Mode	Yes
Date stamp on recording	Yes
Loop Recording	Yes



TE-SM9

INSTALLATION INSTRUCTIONS
#iBEAMSAFETY



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



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certified technicians**