

7 Inch Heavy Duty Rearview System



Before install this system, Please read this user manual carefully.
If have any question, please contact with local supplier timely.

Feature

Monitor Feature:

- Screen size: 7-inch panel (diagonal length)
- Input: 2-AV input
- System: PAL and NTSC auto switching
- Resolution: 480 x R.G.B x 234
- Power supply: 12-24V DC
- Built-in speaker (optional)
- Heavy duty reversing
- V2 is always prior when reversing
- Keep last memory
- OSD menu
- Contrast, color, brightness adjustable
- View angle range: (left/right) 65 degrees (top) 40 degrees (down) 15 degrees



Camera Feature:

- Type High resolution backup camera
- Image Sensor 1/3" CCD
- TV System NTSC/PAL Optional
- Horizontal Resolution 420 TV Line
- Effective Pixels N: 510×492 pixels P: 500×582 pixels
- Lens Angle 120°
- Minimum Illumination 0Lux (LED ON)
- IR Led 10pcs for night vision distance 45ft
- Audio function
- Operating Temperature -20℃~+70℃ RH95% Max
- Lens f=2.5mm/1.7mm
- Power Supply DC12V
- Size 70 (L) ×50 (w) ×40 (H) mm
- Waterproof Rate Ip67
- Shell Material Aluminium alloy



Cable Feature:

- 20M extension cable with
- 4 pin lock connector



Monitor Controls



1. Power Indicate Light
2. R/C Window
3. Power
4. V1/V2 switch
5. (-) Decrease setting
6. Menu
7. (+) Increase setting

Below menu interfaces should appear one by one when pressing the MENU key on remote control or on panel: "BRIGHT" "CONTRAST" "COLOR" "TINT" "VOLUME" "MODE" "SOURCE" "TCON" "RESET".

BRIGHT:

To go to "BRIGHT" menu, press "-" or "+" key to set up the **Brightness** parameter. After you choose your desired setting. Then press the MENU key to confirm it and go to the next selection.

CONTRAST:

To go to "CONTRAST" menu, press "-" or "+" key to set up the **CONTRAST** parameter. After you choose your desired setting. Then press the MENU key to confirm it and go to the next selection.

COLOR

To go to "COLOR" menu, press "-" or "+" key to set up the **COLOR** parameter. After you choose your desired setting. Then press the MENU key to confirm it and go to the next selection.

TINT

To go to "TINT" menu, press "-" or "+" key to set up the **TINT** parameter. After you choose your desired setting. Then press the MENU key to confirm it and go to the next selection.

Monitor Controls

VOLUME

To go to "**VOLUME**" menu, press "-" or "+" key to increase or decrease the **VOLUME**. After you choose your desired setting. Then press the MENU key to confirm it and go to the next selection.

MODE

To go to "**MODE**" menu, press "-" or "+" key to switch the **MODE** to 16:9 or 4:3 or from 4:3 to 16:9 After you choose your desired setting. Then press the MENU key to confirm it and go to the next selection.

SOURCE

To go to "**SOURCE**" menu, press "-" or "+" key to switch V1/V2. After you choose your desired setting. Then press the MENU key to confirm it and go to the next selection.

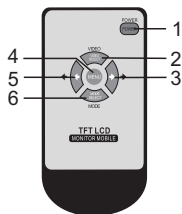
TCON

To go to "**TCON**" menu, press "-" or "+" key to reverse the images from up, down, left, right. After you choose your desired setting. Then press the MENU key to confirm it and go to the next selection.

RESET

To go to "**RESET**" menu, press "-" or "+" key to switch the current setting to factory setting. After you choose your desired setting. Then press the MENU key to confirm it and exit current setting.

Contrast control

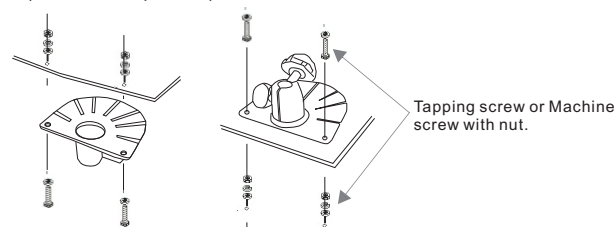


- 1.Power
- 2.V1/V2 switch
- 3.Decrease setting
- 4.Menu
- 5.Increase setting
- 6.Mode selection

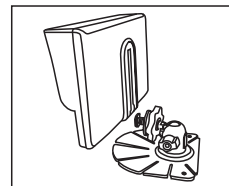
Monitor Installation

- Install the monitor on a surface which will support more than 4 kg (9Lbs) of weight
- Install the monitor away from a speaker mounted in the vehicle so the picture is not distorted by the speaker's magnetic field.
- Don't install the unit in an extremely hot or humid place (radiator, air duct, etc.) or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
- The monitor is not designed for waterproof.

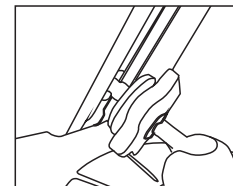
- 1.Firsly please fix the the screws with the fan shaped stand tightly, (such as the picture)



- 2.Secondly put the metal buckle picea on the top of the fan-shaped stand into the notch at the back of the monitor.(such as the pictures)

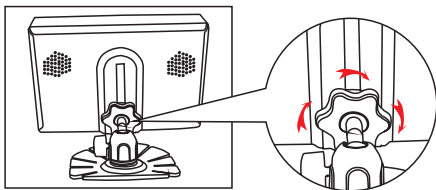


- 3.Move the stand to the proper location.(such as the pictures)

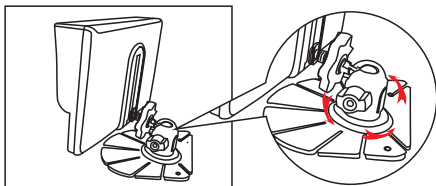


Monitor Installation

4. To fix the big screws of the stand until to keep the monitor fixed (such as the pictures)



5. If users want to change the direction or angle of the monitor, firstly to loosen the screws on the bottom of the stand. Then move the monitor to the desired location then fix the screws on the bottoms of the stand again. (such as the pictures)

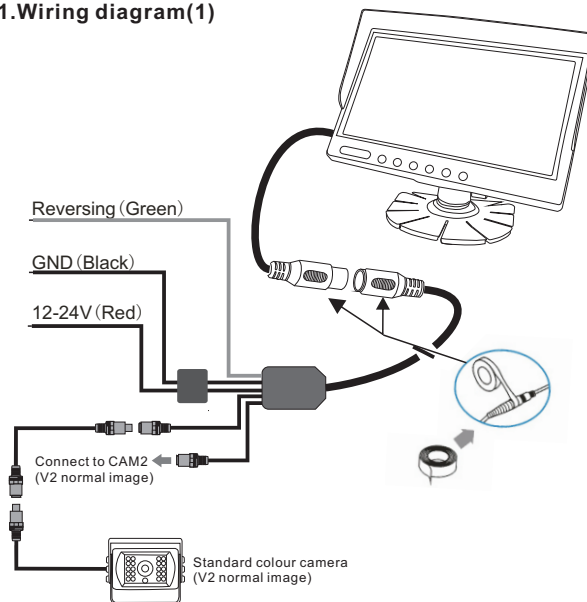


Connection

- Connect the RED wire to the positive(12V or 24V DC) Power terminal which is Energized with the ignition key in the accessory position
- Connect the BLACK wire to a suitable negative connection point on the vehicle.
- Connect the GREEN (video 1 trigger) wire to the switched power output terminal of the "R"(reverse)gear, Trigger is always in priority.

Connection

1.Wiring diagram(1)

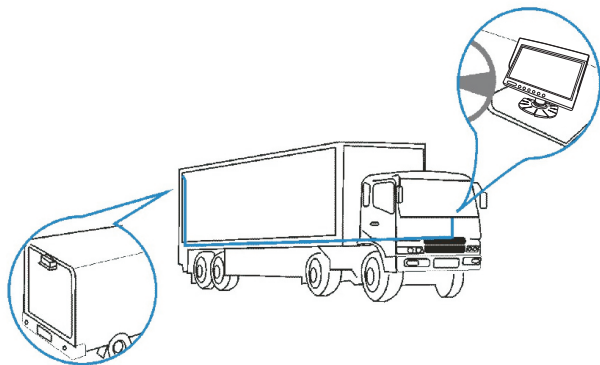


Caution

- ⚠ Before making the connection, disconnect the ground terminal of the car battery for avoiding short circuits.
- ⚠ The plugs should fully inserted into the connectors or jacks. a loose connection may cause malfunctioning of the unit

Connection

2.Wiring diagram(2)



Operating instructions

- When you turn the ignition key to the accessory or on position, the power is supplied through control box to the monitor and monitor is in stand-by (S/B)

Note the power of the monitor

- When you push the power switch on the off position, the monitor placed in off mode. The monitor is not turned on until restart the ignition key or push the power switch in on position.
- When you set the change lever to the reverse position, the monitor is turned on and picture from "camera 1" appears.

Cleaning and general maintenance

- If your vehicle has been parked in direct sun light resulting in considerable rise in temperature inside the vehicle , allow the unit to cool off before operating.
- Clean the unit with a slightly damp soft cloth. Use a mild household detergent, Never use strong solvents such as thinner or benzine as they might damage the finish of the unit.

Cleaning

Unplug or power off mode before cleaning, Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Ventilation

Holes in the cabinet and of the back or bottom are provided for ventilation, and to ensure reliable operation of the monitor equipment by protecting from overheating. these holes must not be blocked or covered .

Object and liquid entry

Never push objects of any kind into this monitor equipment through holes as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind of product.

Servicing

Do not attempt to service this system by yourself as opening of removing covers may expose you to dangerous voltage or other hazards . refer all servicing to qualified service personnel.