

## Operating Instructions



### Digital Color Monitor

Please read this manual thoroughly before operating the unit,  
and keep it for further reference.



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## 2. Precautions

### ● Storage and keeping

1. Do not expose the monitor to excessive heat or cold. The storage temperature of this device is  $-30 \sim +80^{\circ}\text{C}$ , and the operating temperature is  $-10 \sim +65^{\circ}\text{C}$ .  
The Humidity is Rh90%.
2. Avoid dropping or striking this device.
3. Avoid using this device in enclosed spaces, areas with excessive vibration or subject to severe impacts.
4. Never puncture, scratch or use abrasive cleaning materials on this device.
5. Do not place cables where they may be pinched or stepped on.
6. Leave at least a 2" space between the monitor and walls, cabinets or other objects to allow adequate air circulation around the unit.
7. The monitor is designed to be waterproof.

### ● Operating Precautions

1. The device may be powered by a 12 or 24 volt automotive battery or vehicle electrical system.
2. Make sure all cables are connected properly observe polarity. Improper cable connections may damage the monitor. Remove the power cable connections when you do not intend to use the unit.

#### Warning!

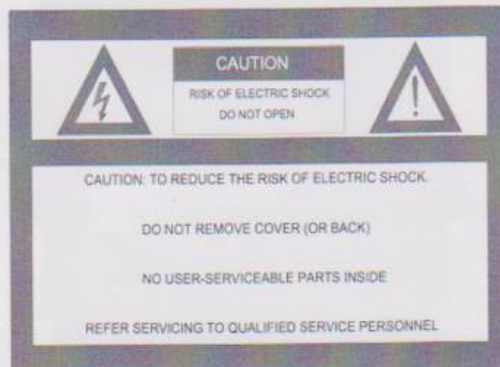
1. High voltage is present within the monitor. The opening of the case should be by professionals.
2. Do not watch the video while driving unless you are monitoring the rear view camera display.

#### Special Notice

Occasionally, a few highlights or dark spots may occur on the LCD screen. This is a very common phenomenon in active matrix display technology, and doesn't necessarily indicate any defects or faults. Never try to repair this device by yourself. In case of any problems, please turn off the display at once and notify our company or authorized dealer. The monitor is a complex device. Any disassembly or modification may lead to damage and void the warranty.

### 3. Maintenance

1. Remove all the cable connections from the monitor before cleaning the unit.
2. Use a mild household detergent and clean the unit with a slightly damp, soft cloth. Never use strong solvents such as thinner or benzene, as they might damage the furnish of the device.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



This symbol is intended to alert the user not to waste electrical and electronic equipment.

#### CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your warranty and necessitate expensive repairs.

#### ● Declaration of conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including Interfered that may cause under sired operation.



#### 4. Parts Identification



- (1) Decrease button – For adjusting of Volume, Brightness, Contrast, Language, Rotation, ect.
- (2) Increase button – For adjusting of Volume, Brightness, Contrast, Language, Rotation, ect.
- (3) MENU – Access Brightness, Contrast, Language, Rotation, etc.
- (4) CAM – Switches between all cameras Connected to Monitor.
- (5) MODE –Selects Single View/Split view/Quad view selectable  
Day & Night selects based on without split function
- (6) POWER – Turns monitor On and Off.
- (7) Power indicator Light.

## 5. Product Features

1. TFT LCD monitor with wide angle view and high resolution display.
2. Picture image may be adjusted for Horizontal, Vertical, Mirror and Normal viewing.
3. Select from 7 languages for user operation.
4. Mirror and Normal switch available.
5. Full-function remote control.
6. Multiple video formats available: PAL / AUTO / NTSC.
7. Up to 2 or 4 AV inputs. Automatically switch to back-up camera views.
8. Operates from DC / 10-32V. Supports 12V or 24V automobile battery.

## 5.1 Technical Specification

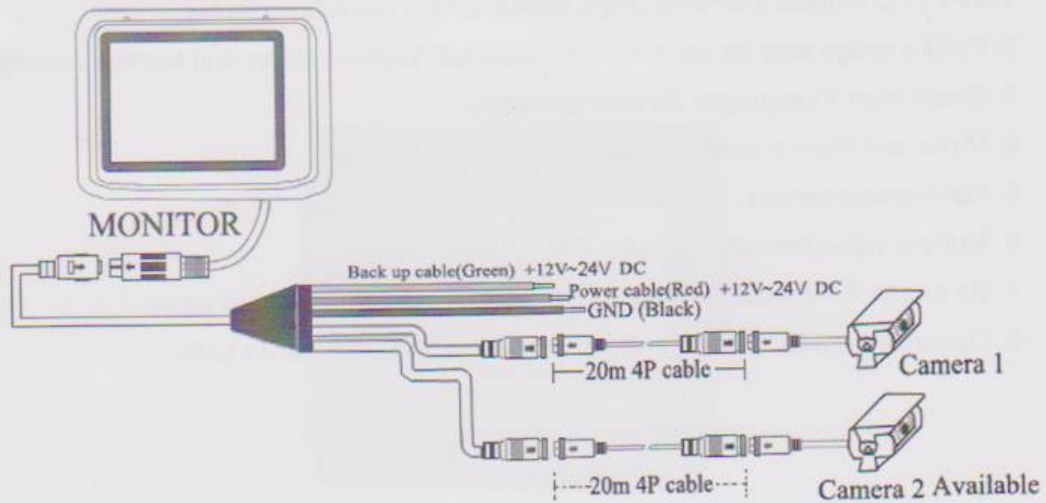
1. 7" color waterproof monitor.
2. Power supply: Automobile storage battery (10-32V).
3. Power consumption: 4W Maximum
4. Outer dimension: 200 (L)X 42.5(W)X 145(H)mm
5. Resolution: 800 X 3 X (RGB) X 480
6. Contrast: 500:1
7. Brightness: 400cd/m<sup>2</sup>.
8. Viewing angle: U: 50°/ D: 60°, R/L: 70°
9. Operating temperature: -10°C~+65°C
10. Storage temperature: -30°C to + 80°C RH90%



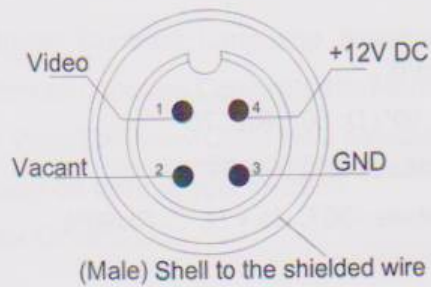
### Special Notice

All specifications are subject to change without notice.

## 6. Basic Operation

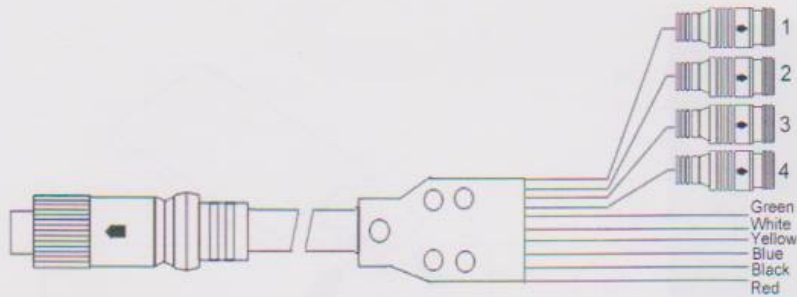


- ① **Black:** Ground
- ② **Red:** ACC (Car key power. DC12V~24V)
- ③ **Green:** Trigger Cam 2 (Reversing light power positive. DC12V~24V)

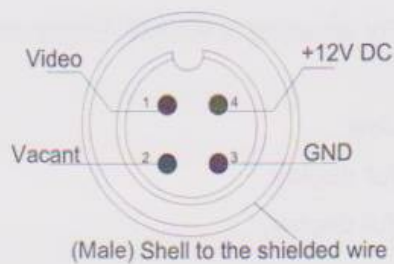




## 7. Basic Operation



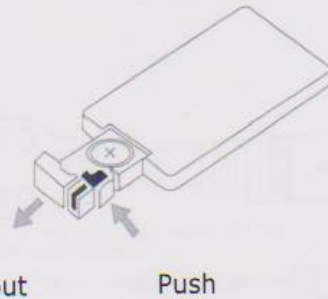
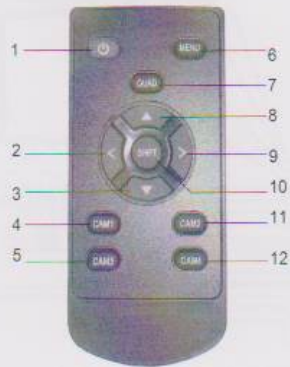
- (1) Green---Trigger Cam 1 (Reversing light power positive. DC12~24V)
- (2) White---Trigger Cam 2 (Optional. DC12~24V)
- (3) Yellow---Trigger Cam 3 (Connect positive end of left reversing light. DC12~24V)
- (4) Blue---Trigger Cam 4 (Connect positive end of right reversing light. DC12~24V)
- (5) Black---Ground.
- (6) Red---ACC (Car key power. DC12~24V)



### Warning!

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## 8. Remote Control

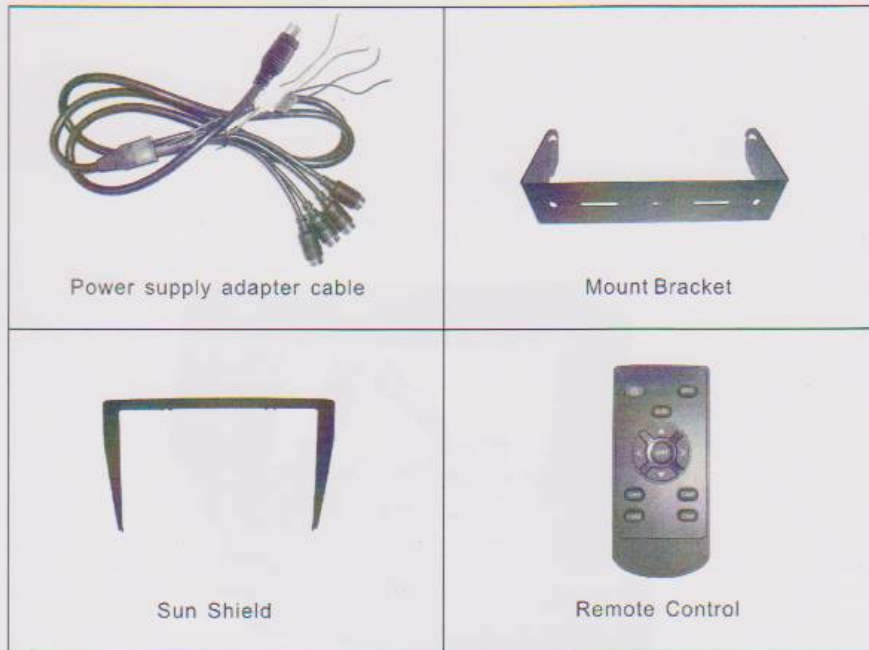


- (1) Power on/off
- (2) Decrease button - For adjusting of Volume, Brightness, Contrast, Language, Rotation, ect.
- (3) Upwards select
- (4) Select channel 1 full display
- (5) Select channel 3 full display
- (6) Menu - Access Brightness, Contrast, Language, Rotation, etc.
- (7) Quad- Select split view
- (8) Downwards select
- (9) Increase button - For adjusting of Volume, Brightness, Contrast, Language, Rotation, ect
- (10) Shift-Select split view
- (11) Select channel 2 full display
- (12) Select channel 4 full display

### Notice

1. Please align the remote control with the infrared-receiving window on the monitor to operate.
2. Never disassemble the remote control or allow it to drop, or become wet.
3. Press the control buttons firmly. Allow 2 seconds for the picture to change.

## 9. Accessories



### Special Notice

Accessory supply may be different for different application.

