



A Safe Fleet Brand

## 7" Monitor for 360 Instant Rear View Manual



### 7" HD DIGITAL LCD COLOR MONITOR

Please read this manual before you use the product.

The product may be different from the described in the manual depending on renewal or upgrade of S/W version and performance and it can be altered without notice.

V1.0

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# 1. 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  $-20\sim+70^{\circ}\text{C}$ . The humidity is Rh90%.
2. Never use this device near a bathtub, wash basin, kitchen, damp basement, swimming pool or similar places.
3. Never use this device in environments with excessive moisture, dust or smoke.
4. Avoid dropping or striking this device.
5. Avoid using this device in enclosed spaces, areas with excessive vibration or subject to severe impacts.
6. Never puncture, scratch or use abrasive cleaning materials on this device.
7. Do not place cables where they may be pinched or stepped on.
8. Leave at least a 2" space between the monitor and walls, cabinets or other objects to allow adequate air circulation around the device.
9. The monitor is not designed to be waterproof.

## Operating Precautions

1. The device may be powered by DC power 10V - 32V (eg. 12V or 24V ACC).
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 device.



**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 only.**



**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 warrantee.**

## Maintenance

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



**CAUTION: RISK OF ELECTRIC SHOCK**

**DO NOT OPEN**



**CAUTION: to reduce the risk of electric shock, Do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.**



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.

## 2. FEATURES AND SPECIFICATIONS

- 3 Channel 7" HD single-view monitor with LVDS interface, support input up to resolution at 1920 \*1080.
- Support 1xVGA inout and 2xcamera input, Can be switched between two options
- Capacitive touch-screen.
- Support Automatic Backlight Control and manual selection in 3 levels.
- With 1.5W speaker.
- Support to adjust the brightness, contrast, color and saturation of the screen
- Working voltage: 10-32V, with short circuit protection and short circuit alarm function.



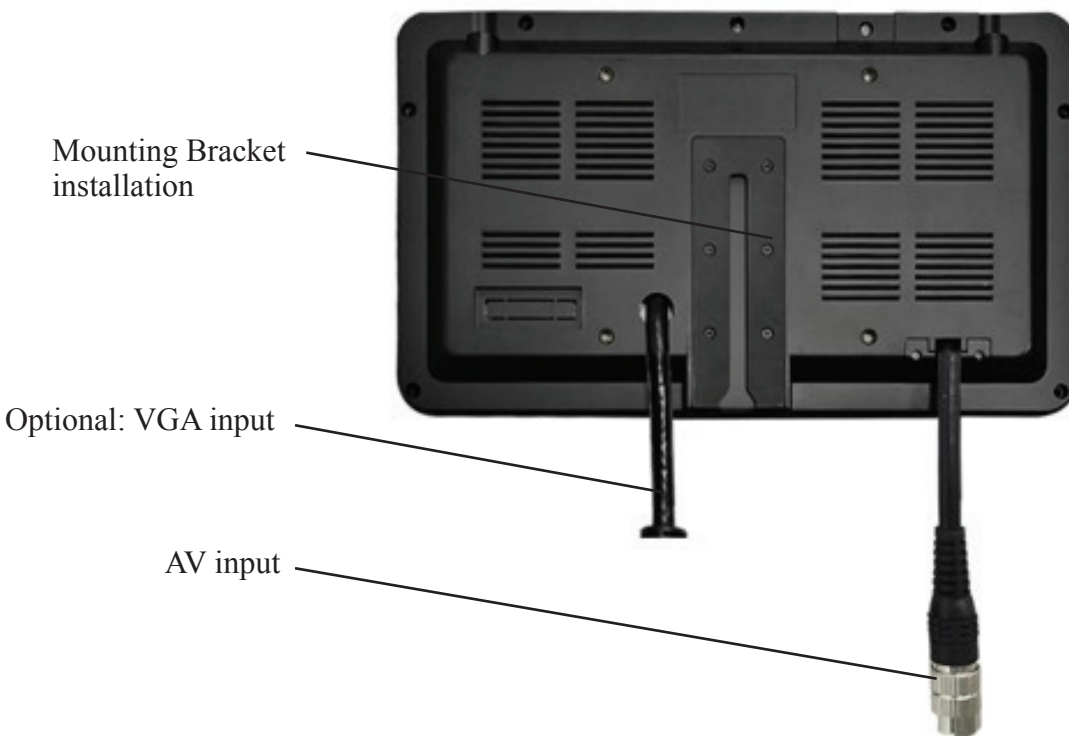
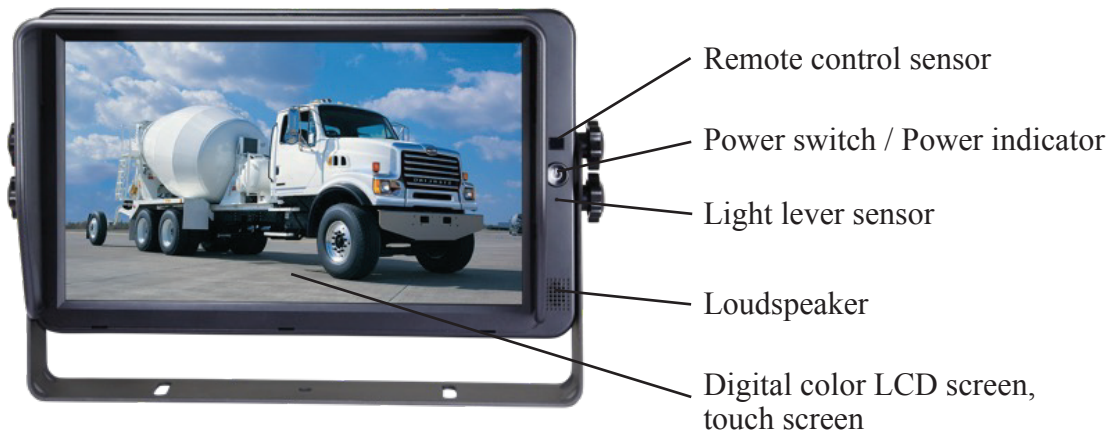
**SPECIAL NOTICE: Accessory supply may be different for different application.**

### 3. ACCESSORIES

 <p>U- Support Bracket</p>	 <p>Center Mount Bracket</p>
 <p>Sun Shield</p>	 <p>Power cable</p>
 <p>Angle Adjustment screws</p>	 <p>IR Remote control</p>

# 4. PARTS IDENTIFICATION

Figure 1



For HD Monitor installation attach 10P VGA extension cable to VGA in-put cable on the rear of the monitor. Attach the opposite end of the 10P VGA extension cable to the VGA out-put connection on the rear of the ECU marked VGA.

Connect the Power cable to the AV in-put and install per Figure 3. connection diagram.

Note- attach White trigger as shown to V-Ctrl. This will ensure the monitor will start up in the VGA Mode.



# 5. CONNECTIONS

Figure 2

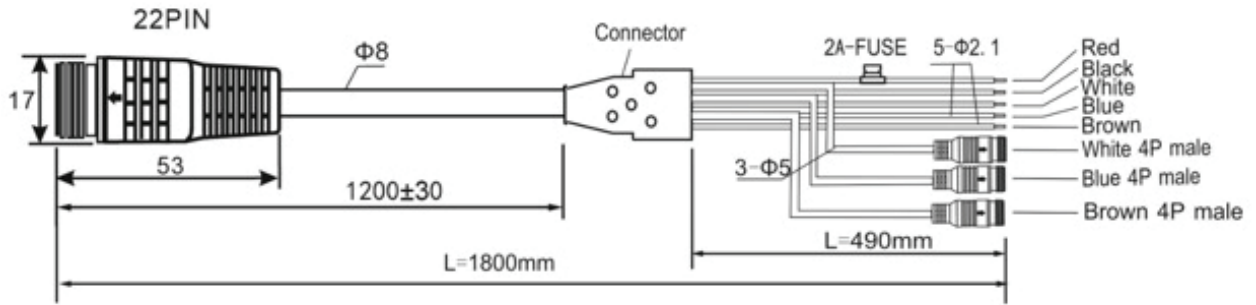


Table 1.

WIRE DEFINITION	DESCRIPTION
White 4P male	Channel left input
Blue 4P male	Channel right input
Brown 4P male	Channel black input
Single red wire	To positive power supply for DC: 10~32V
Single black wire	To GND
Single white wire	To positive power wire of left
Single blue wire	To positive power wire of right
Single brown wire	To positive power wire of back

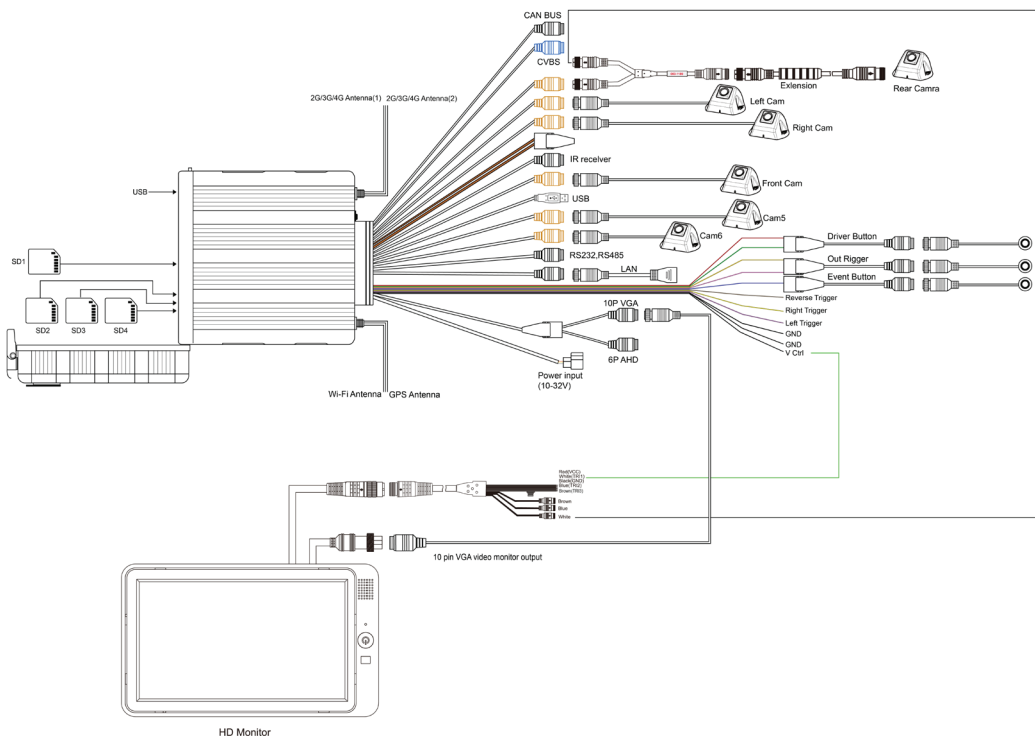
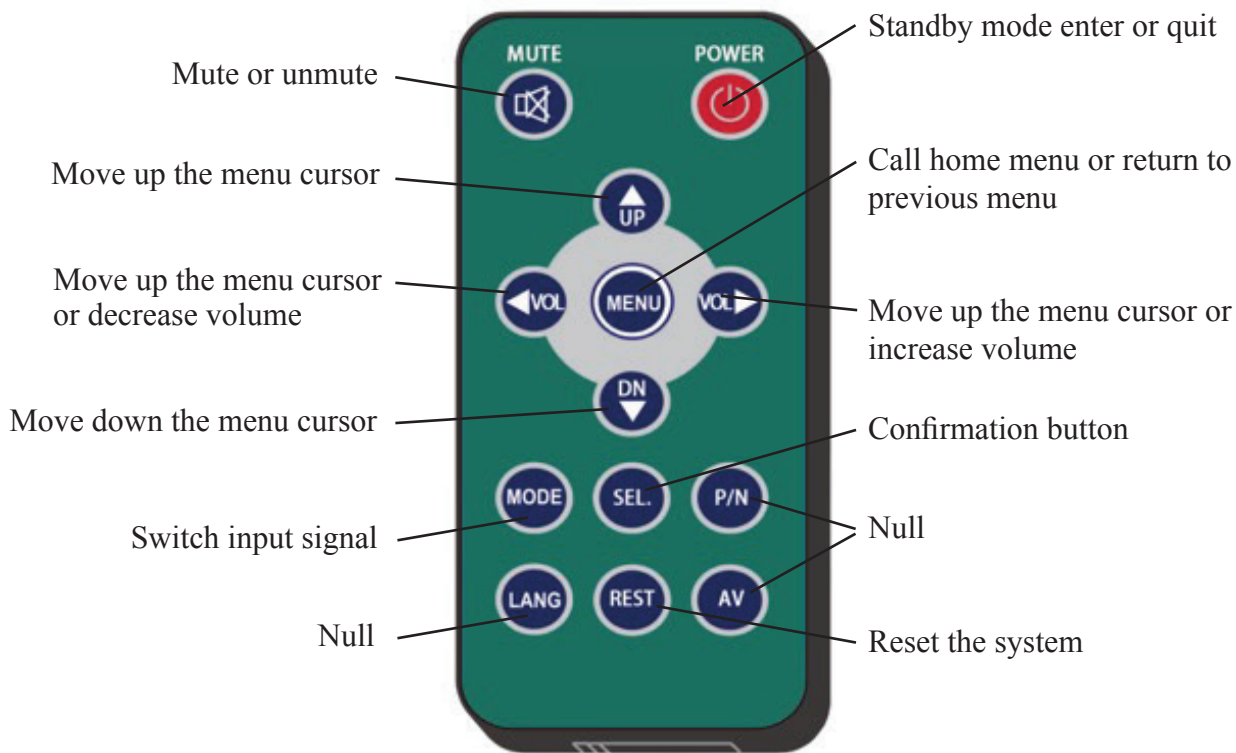


Figure 3 The connection diagram to work with INVIEW360HD(A14)

# 6. MENU OPERATION AND FUNCTIONAL SPECIFICATION

## 6.1 IR Remote Control



**Figure 4**

- MUTE: Mute or unmute
- Power: Turn on or enter standby mode
- VOL+: Move up the menu cursor, or increase volume
- VOL-: Move up the menu cursor, or decrease volume
- MENU: Call home menu or return to previous menu
- UP: Move up the menu cursor
- DOWN: Move down the menu cursor
- MODE: Switch input signal, camera or VGA
- SEL: Confirmation button
- P/N: Null
- LANG: Null
- REST: System reset button
- AV: Null

## 6.2 Menu Operation

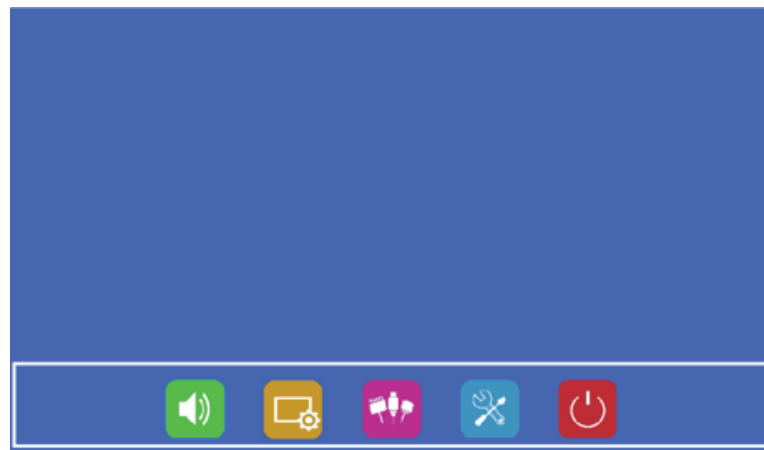
### 6.2.1 Desktop



**Figure 5**

- Press and hold the power key for more than 3S to call home menu

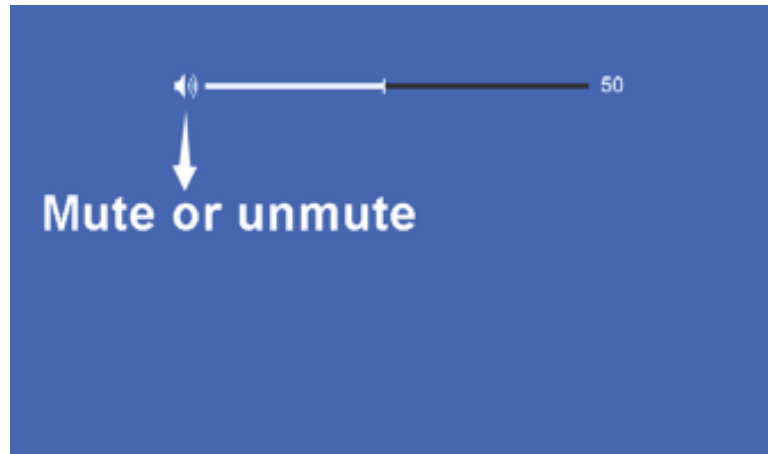
### 6.2.2 Home Menu



**Figure 6**

- Touch the icons to enter the menu or touch the area out of the white lined to exit.

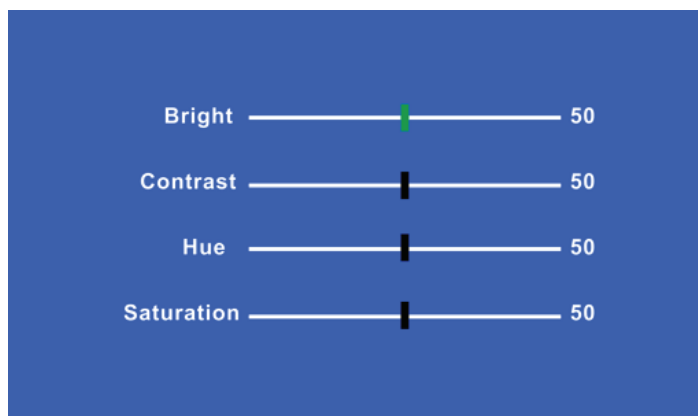
## 6.2.3 Volume



**Figure 7**

- Click speaker icon to set Mute or Unmute.
- Drag the slider on volume bar to adjust volume.

## 6.2.4 Color Adjustment



**Figure 8**

- Drag the cursor in the progress bar to adjust the corresponding image parameters.

## 6.2.5 Source

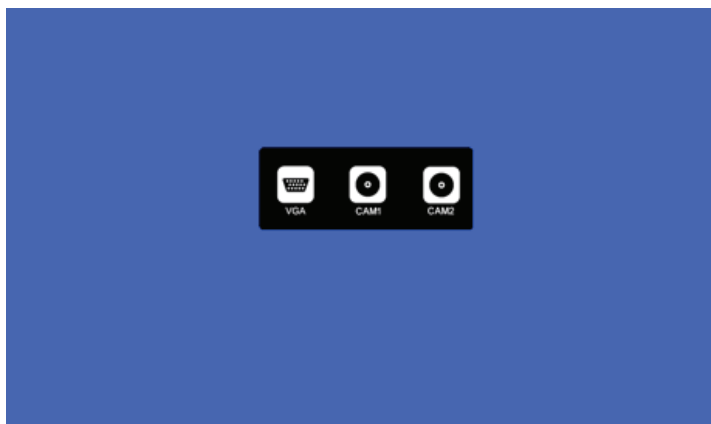


Figure 9

- CAM1 and CAM2 support 1080p30 camera input.
- Support VGA input resolutions: 800X600,1024X768,1280X720,1280X102,1366X768,1440X900,1920X1080.

## 6.2.6 Setting

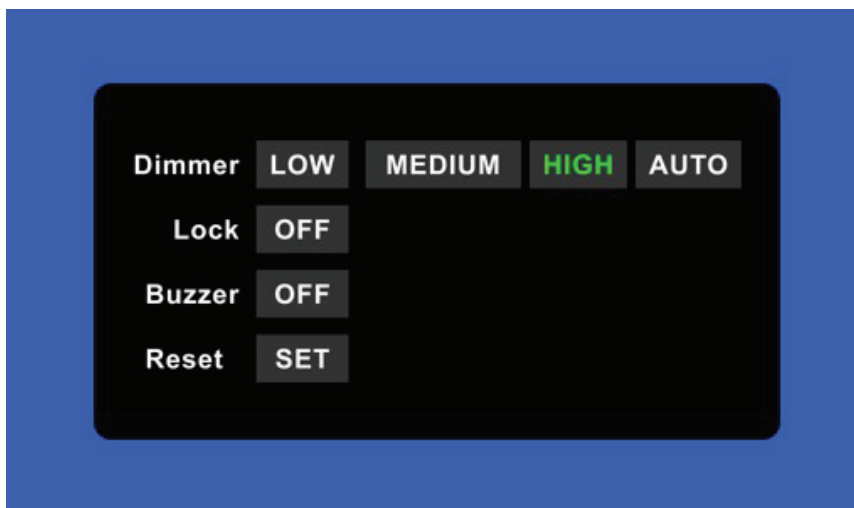


Figure 10

- Set Lock ON to disable touch control(DVR or 360).
- Dimmer setting: divided into low / medium / high / auto, the default is high; When auto is selected, the backlight changes abruptly, with only two levels of brightness.
- After starting the Reset function, the system will reset the parameters to the factory settings.

## 6.2.7 Power



**Figure 11**

- When touch the powerbutton in the menu or press the power button on housing for a short time, the machine will enter the standby state and the screen will be black. After pressing the power key again, the machine works normally.



### **PERSONAL RESPONSIBILITY CODE**

The member companies of FEMSA that provide emergency response equipment and services want responders to know and understand the following:

1. Firefighting and Emergency Response are inherently dangerous activities requiring proper training in their hazards and the use of extreme caution at all times.
2. It is your responsibility to read and understand any user's instructions, including purpose and limitations, provided with any piece of equipment you may be called upon to use.
3. It is your responsibility to know that you have been properly trained in Firefighting and/or Emergency Response and in the use, precautions, and care of any equipment you may be called upon to use.
4. It is your responsibility to be in proper physical condition and to maintain the personal skill level required to operate any equipment you may be called upon to use.
5. It is your responsibility to know that your equipment is in operable condition and has been maintained in accordance with the manufacturer's instructions.
6. Failure to follow these guidelines may result in death, burns or other severe injury.



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