



Vehicle CCTV Monitor

Quick Installation Guide



Digital LCD Color Monitor

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

V1.3

7. Specifications

TV system	NTSC/PAL
Picture	9" Digital TFT LCD colour monitor with on-screen display function
Display size	9" diagonal
Field of view	Top: 50°, Bottom: 70°, Left: 70°, Right: 70°
Resolution	800x(RGB)x480
Picture image	Factory set to reverse image
Power	10~32 Vdc input
Inputs	4 x camera
Dimensions	234(w) x 158(h)x39.75(d)mm
Operating temperature	-20°C ~ +70°C

Disclaimer

Camera monitor systems are an invaluable driver aid but do not exempt the driver from taking every normal precaution when conducting a manoeuvre. No liability arising out of the use or failure of the product can in any way be attached to the distributor.

Serial No:

Stock code:

6. Waterproof Camera

Image Device	1/3" CMOS PC3089K	
TV System	PAL	NTSC
Effective Pixels	756 x 504 pixels	
Sensing Area	4.80 mm x 3.73mm	
Scanning System	2:1 Interlace	
Sync. System	Internal	
Resolution	500TV Lines	
Horizontal Sync Frequency	15.625 kHz	15.734 kHz
Vertical Sync Frequency	50 Hz	60 Hz
Video Output	1.0Vp-p, 75Ohm	
Gamma Consumption	0.45	
AGC	Auto	
S/N Ratio	Better than 48dB	
White Balance	Auto	
Electronic Shutter	1/60(NTSC)/1/50(PAL)~1/100,000 Seconds	
BLC	Auto	
Storage Temperature	- 40°C ~ +80°C, RH95%MAX	
Operating Temperature	-30°C ~ +70°C, RH95%MAX	
Power Supply	DC12V	
Waterproof Rating	IP69K	
Viewing Angle	120°	
Audio	Yes	
Minimum Illumination	0 Lux	
Night Vision Distance	12~15m	
Image Mode	Mirror/Normal Image Switch	
Heater	No	
IR CUT	Yes	

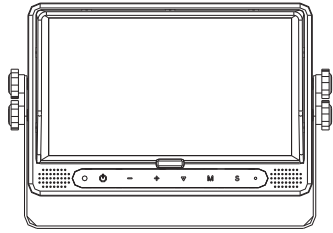
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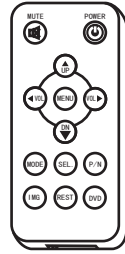
Special Notice

The product is aimed at assisting in safe driving and provides the driver with a broader field of vision. As the driver, you are solely responsible for the appropriate operation of your vehicle and the safety of your passengers and pedestrians, and you should abide all state and local traffic laws and regulations. Do not over use any features of this system that it might distract you from safe driving. The top priority of your driving should always be the safe operation of your vehicle. A&I Products Inc will not accept any responsibility/recourse whatsoever for accidents and/or injuries resulting from failure to observe these precautions or safety instructions.

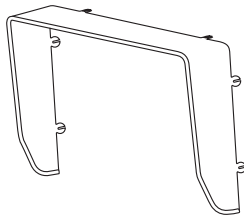
1. Products



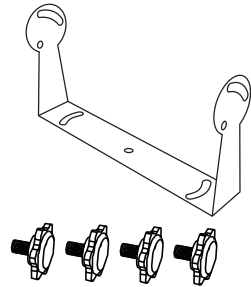
Monitor



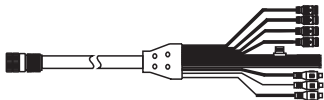
IR Remote Control



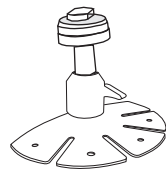
Sun Shield



U-Support Bracket &
Angle Adjustment Screws

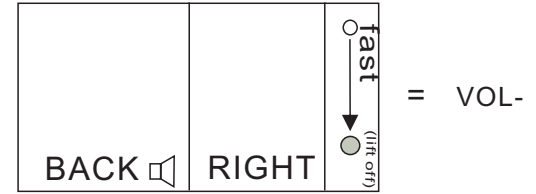


AV and Power Supply
Conversion Cable

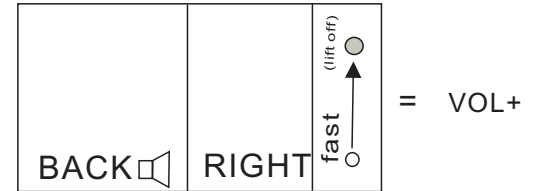


Center Mount Bracket

5.4.7 Any display mode

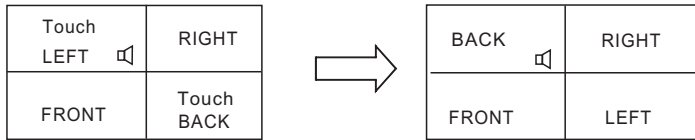


5.4.8 Any display mode

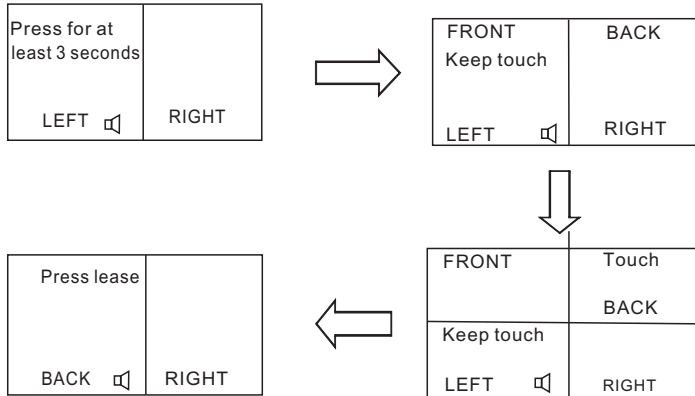


2 .Monitor installation

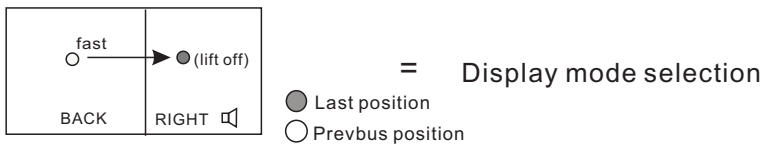
5.4.3 Any multi mode



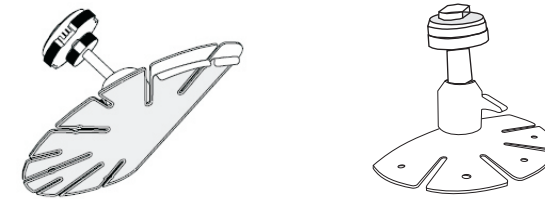
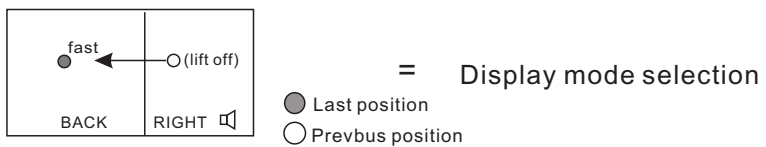
5.4.4 Any double or triple display



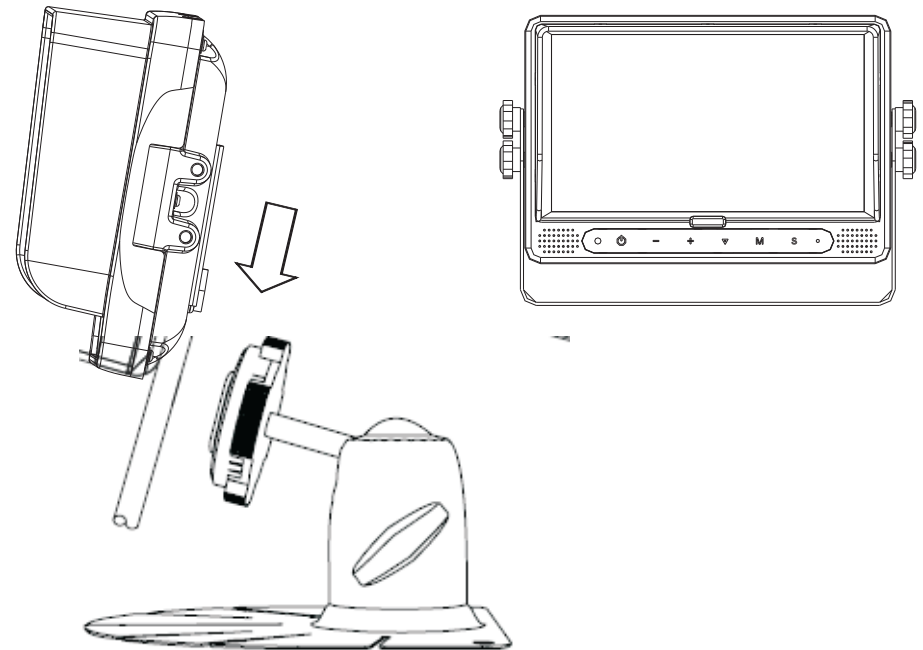
5.4.5 Any display mode



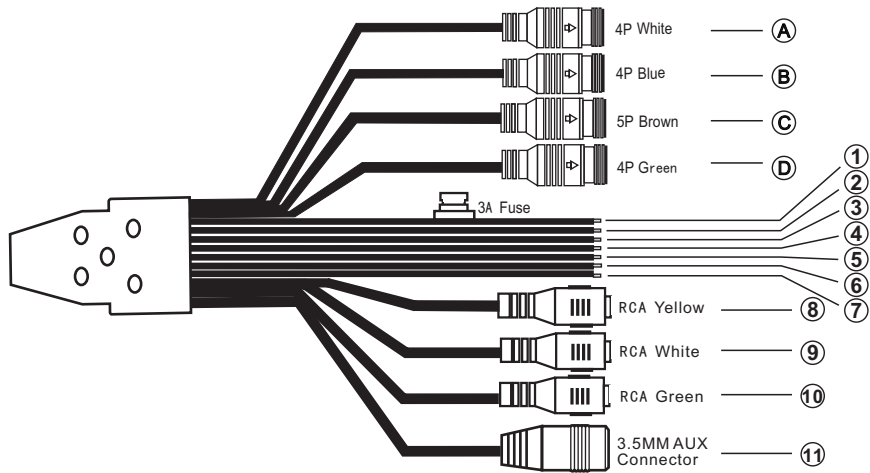
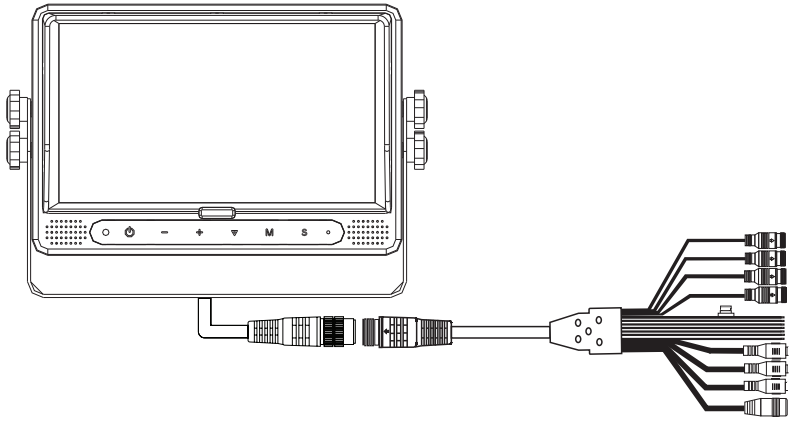
5.4.6 Any display mode



Center Mount Bracket

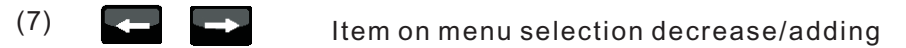
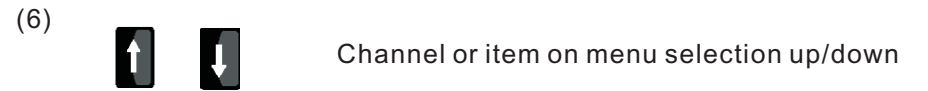
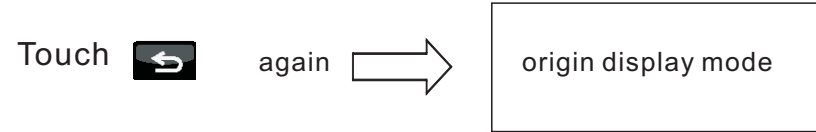
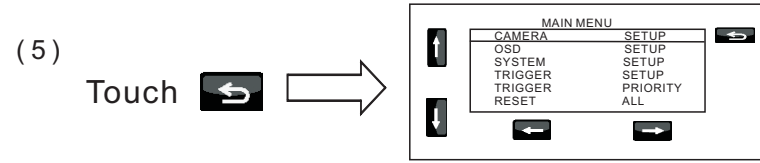


3 .Connections



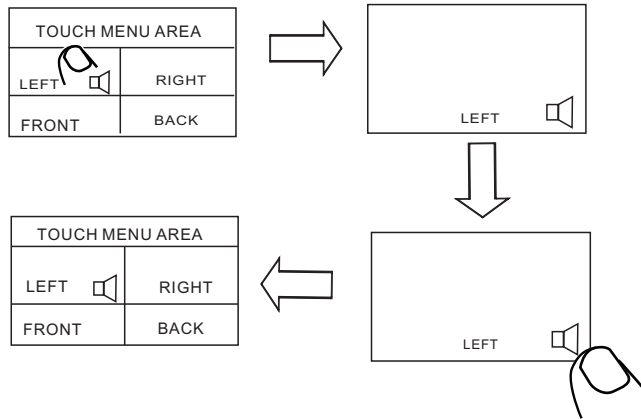
(A) Camera 1 (B) Camera 2 (C) Camera 3 (D) Camera 4

(1) Red: Power (2) White: Trigger 1 (3) Black: Ground (4) Blue: Trigger 2
 (5) Brown: Trigger 4 (6) Green: Trigger 3 (7) Yellow: Split (8) LIVE_VOUT
 (9) AOUT (10) REC_VOUT (11) AV_AIN

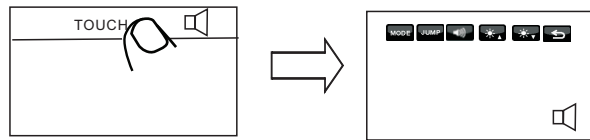


5.4 Touch Screen

5.4.1 Any multi mode



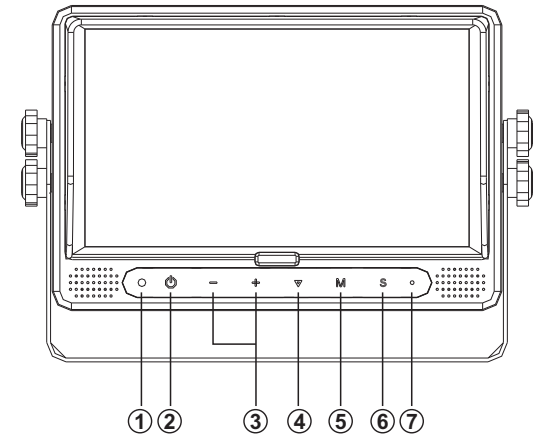
5.4.2 Any display mode



- (1) **MODE** Touch →
- (2) **JUMP** Touch →

Original display mode The display mode which you set in main menu
- (3) Touch →
- (4) Press to adding/decrease the brightness level.

4 .Controls



① IR Signal Sensor

② Power key

③ =

④ =

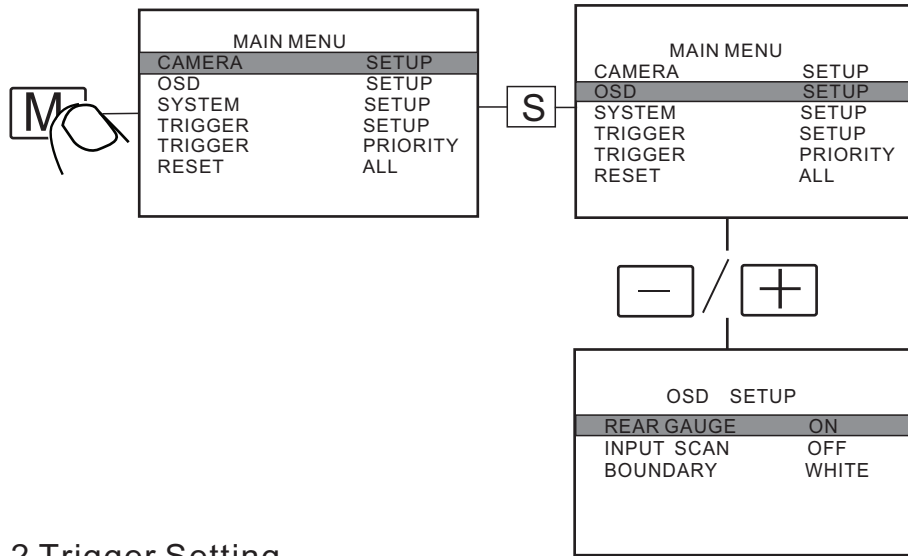
⑤ **M** = /

⑥ **S** ↓ The Original display mode / The mode set in the main menu

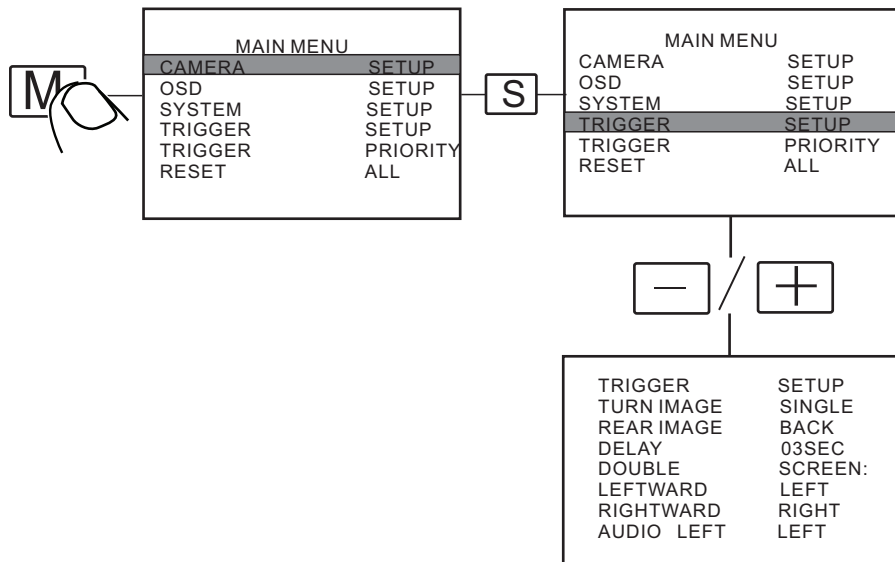
⑦ Automatic low light sensor

5 .Operation

5.1 OSD Setting



5.2 Trigger Setting



5.3 Jump Key Setting

