



7" COLOUR I/R CCTV SYSTEM

12 - 24 VOLT

Part 0-776-67

WARNINGS

Before using this unit please read these instructions carefully. Take special care to follow the warnings indicated on the unit itself as well as the safety suggestions listed below. Keep these instructions for future reference.



HIGH VOLTAGES WITHIN THIS EQUIPMENT. RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER.

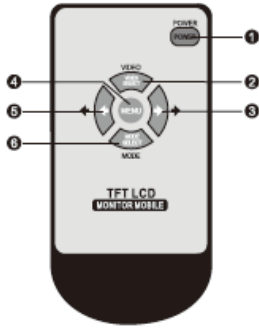


WARNING: The vehicle safety vision system is designed to be used with, not instead of other viewing aids in your vehicle. The manufacturer shall not be held liable for any accidents which occur while operating this system.

- * Please ensure you are familiar and comply with local traffic and driving regulations.
- * Power Source - The monitor should be connected to a 12 - 24 volt dc power supply only.
- * Water and Moisture - Do not use the monitor where it may be subject to water ingress or excessive moisture. Do not use outside the vehicle unprotected.
- * Heat - Do not install the monitor or camera near a direct heat sources.
- * Ventilation - The monitor should be situated to allow free circulation of air.
- * Foreign Material - Care should be taken so that objects do not fall onto or into, and that liquids are not spilled on the monitor.
- * Mounting Surface - The monitor should be mounted to a strong secure surface.
- * Replacement Parts - Use only manufacturers replacement specified parts. Unauthorised substitutions may result in fire risk, electric shock or other hazards and will void the warranty
- * Service - The user should not attempt to service this units beyond that described in the operating instructions. There are no user-serviceable parts within the unit.
- * Isolation - When fitting to an isolated earth vehicle the camera and monitor bracket must also be electrically isolated from the vehicle chassis. If interference is experienced on earthed chassis vehicles electrically isolating the camera from the chassis should eliminate the interference.
- * Screen Protective Film - Remove the LCD screen protective plastic cover before use.



REMOTE CONTROL



1. Power
2. V1/V2 Change
3. Positive Increase
4. Menu
5. Negative Decrease
6. Mode selection

MONITOR BUTTON LAYOUT

1. Power
2. V1/V2
3. Decrease setting
4. Menu
5. Increase setting

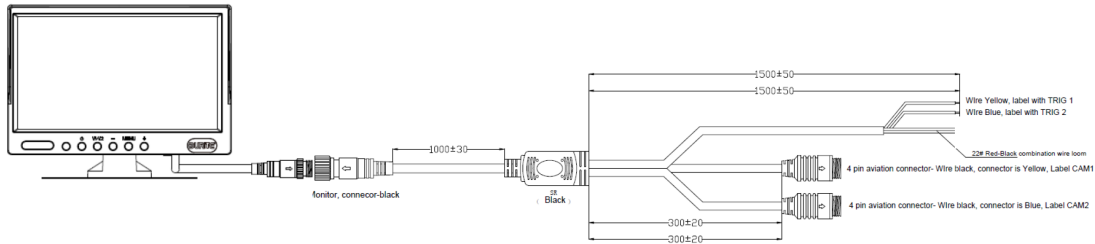


MONITOR CONNECTIONS

1. AV1/AV2 Camera Picture Signal Input - One or both of the camera input connectors can be used to connect to the cameras. (dc+ power supply to the cameras is fed through these connectors).
2. DC 12-24 Volt Power Supply Leads -Ensure the wires are connected correctly to pre-vent damage. Connect the Red wire with fuse holder to a ignition switched positive feed, Yellow wire (trig1) to the reverse gear switch (+ve) and the Black wire to the vehicle chassis ground (negative earth systems only). Blue wire (trig 2) can be used if necessary.

Note: If the cigarette power lead is not being use, a suitable 2amp fuse must be placed in the positive supply line.

SYSTEM DIAGRAM



ASPECT RATIO

Setting 1: 4:3 Normal Screen Size
Setting 2: 16:9 Wide screen / Zoom

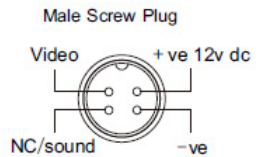
IMAGE VIEWING NORMAL vs. MIRROR

The camera hardware in this kit is **NORMAL** Image.

This image can be changed to **MIRROR** Image Mode if required. To do this Select 'Menu' then Select 'TCON'. Use buttons '3' or '5' on the Monitor to select preferred camera image view Normal, Mirror, Flip Normal, Flip Mirror dependent upon application. This setting selected will be saved as default.

MONITOR SPECIFICATIONS

Display Device.....ColorTFT LCD
 Size.....7 Inch
 Interface.....Digital TTL
 Resolution.....800 x RGB x 480
 Luminance (Nits).....500
 System.....PAL / NTSC (Auto)
 Contrast Ratio.....500:1
 Power Consumption.....5W
 Power Supply.....12/24VDC
 View Angle (LR/UD).....L 60, R 60, U 40, D 60 (Degree's)
 Connect Plug.....4 PIN Aviation
 Operating Temperature.....-20°C to +70°C
 Weight.....320g
 DimensionsL 22 x W 172 x H 115mm
 Certificate.....E Marked



CAMERA SPECIFICATION

Type.....1/3" Sony CCD
Voltage.....12VDC
Sensitivity.....0 LUX with IR on
S/N Ratio.....48dB
Current Draw.....200mA
Electronic Shutter.....Auto
Lens.....f 2.8mm
Video Output.....1 Vpp, 75 Ohm
IP Rating.....IP68
Auto Gain Control.....Yes
Microphone.....Yes
Weight.....360g
Dimensions.....L 84 x W 76 x H 70mm
Operating Temperature.....-20°C to +70°C
Certificates.....E Marked

Female Screw Plug

