



7" COLOUR I/R CCTV SYSTEM

12 - 24 VOLT

Part 0-776-66

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.



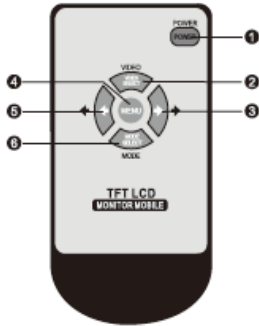
HIGH VOLTAGES WITHIN THIS EQUIPMENT. RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER.



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.

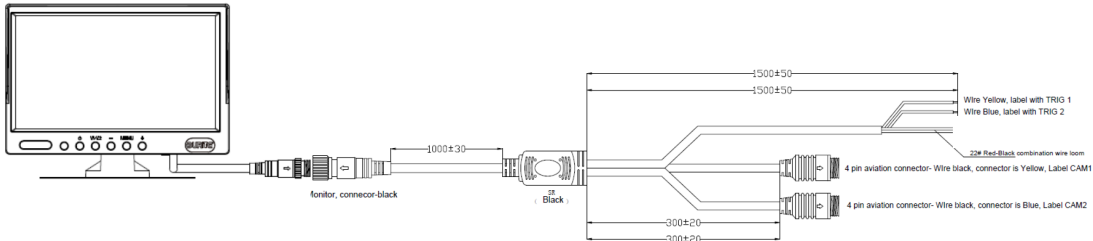
Note: If the cigarette power lead is not being use, a suitable 2amp fuse must be placed in the positive supply line.

PARKING GUIDELINES



This CCTV reversing system has the option for parking guidelines. These can be turned on/off in the main menu. To turn on/off select MENU > PARKSET > ON/OFF. The guidelines will only appear while trigger 1 (Yellow) or trigger 2 (Blue) are engaged.

SYSTEM DIAGRAM



ASPECT RATIO

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

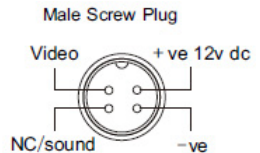
IMAGE VIEWING NORMAL vs. MIRROR

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.....	DigitalTTL
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
Dimensions	L 22 x W 172 x H 115mm
Certificate.....	E Marked



CAMERA SPECIFICATION

Type.....1/3" Sony CCD 4140
 Voltage.....12VDC
 Sensitivity.....0 LUX with IR on
 S/N Ratio.....48dB
 Current Draw.....200mA
 Electronic Shutter.....Auto
 Lens.....f 2.8mm
 View Angle.....Horizontal @ 120°,vertical@ 95°
 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

