



7" HIGH RESOLUTION WATERPROOF MONITOR

HD73W/P



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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~+80°C, and the operating temperature is -20~+70°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 device is designed to be water-resistant, but not for underwater application.

● 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 unit.



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.

● 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 finish of the device.



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 interference that may cause undesired operation.



2. Features

- TFT LCD monitor with wide angle view and high resolution display.
- Picture image may be adjusted for Inverted, Mirror and Normal viewing.
- Select from 8 languages for user operation.
- Automatic backlighting for automatic brightness control.
- Multiple video formats supported: 1080P30/1080P25/720P30/720P25/PAL/NTSC.
- 3 camera inputs and 3 reversing trigger wires.
- Operates from DC 10V - 32V .
- The guidelines can be repositioned horizontally and vertically.
- On-board speaker.
- With touch buttons.

3. Technical Specifications

- 1) Product: 7" Digital TFT- LCD Color monitor.
- 2) Power supply: DC 10V-32V.
- 3) Audio output: 1W.
- 4) Power consumption: about. 10 W .
- 5) Outer dimension: 197.2mm (W) × 132mm (H) × 30.5mm (T).
- 6) Dot pitch: 0.1506(H) × 0.1432 (V).
- 7) Resolution: 1024 x 3(RGB) x 600 .
- 8) Color depth:24 bit
- 9) Display colors:16.7M dithering.
- 10) Waterproof: IP66.
- 11) Contrast: 700:1.
- 12) Brightness: 600cd/m².
- 13) Viewing angle: U: 85° / D: 85°, R/L: 85° / 85°.
- 14) Operating temperature: -20~+70°C,RH90%.
- 15) Storage temperature: -30~+80°C,RH90%.



Special Notice

All specifications are subject to change without notice.

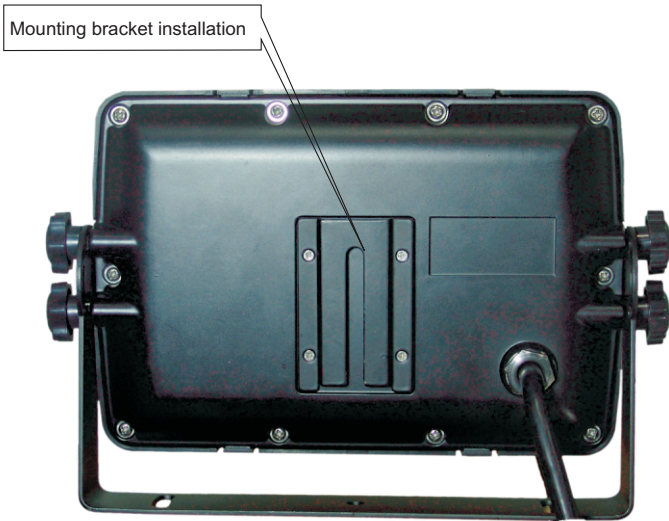
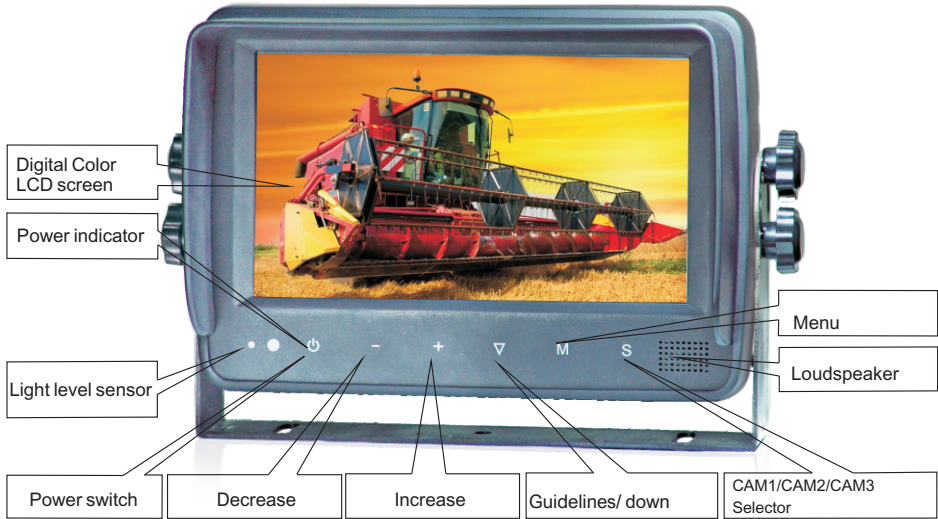
4. Accessories

 <p>U- Support Bracket</p>	 <p>Center Mount Bracket</p>
 <p>AV and Power supply adapter cable</p>	 <p>Sun Shield</p>
 <p>Angle Adjustment screws</p>	

Special Notice

Accessory supply may be different for different application.

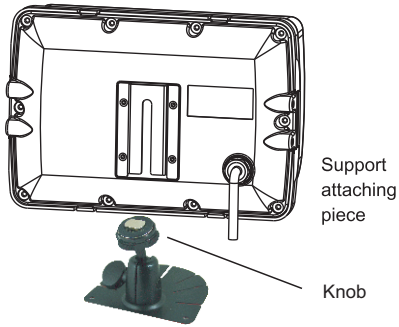
5. Parts Identification



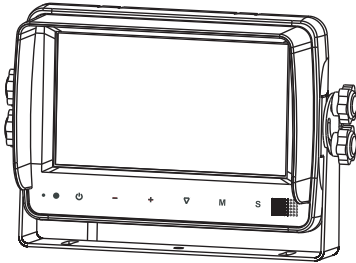
7. Basic Operation

● Installation of Base Support:

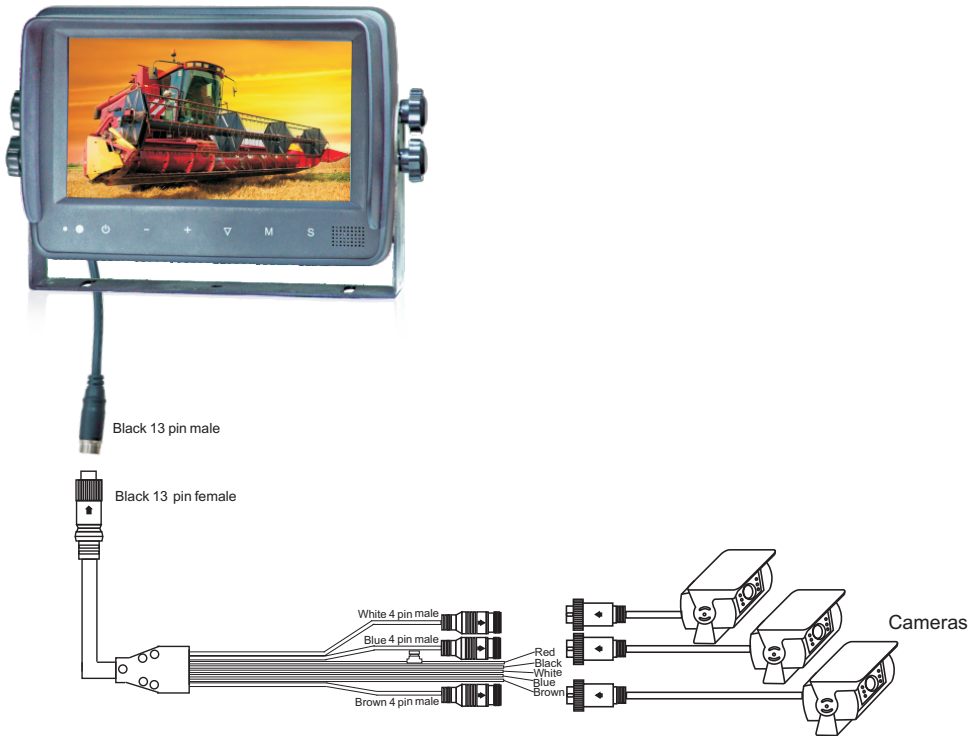
- ① Adjust monitor level by sliding the support to the desired height.
- ② Adjust the angle of the monitor and tighten the knob on the center mounting bracket.



● Installation of U-support bracket:



1. Fix the U-bracket into the desired position.
2. Align the holes on the sides of the monitor with the gaps on sides of the bracket.
3. Attach the monitor to the bracket using the 4x thumb screws.
4. Adjust the vertical angle of the monitor.
5. Tighten the thumb screws to secure the monitor.
6. Single white wire to positive reverse lamp or indicator lamp for camera 1 (optional)
7. Single blue wire to positive reverse lamp or indicator lamp for camera 2 (optional)
8. Single brown wire to positive reverse lamp or indicator lamp for camera 3 (optional)



NOTE: Do NOT connect trigger wires (6, 7, 8) to battery or ACC circuits, which would disable the buttons on the monitor.

8. Menu

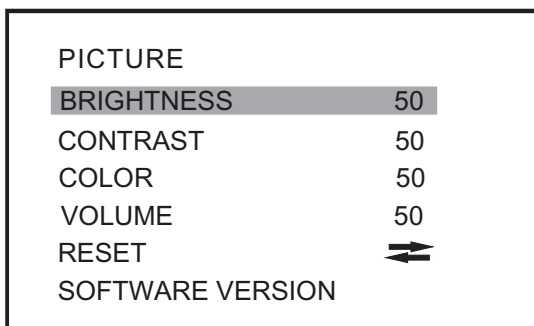
- Press **M** to display the following options and settings:

1. PICTURE
2. OPTION
3. SYSTEM
4. AUTO SCAN
5. SCALE

- (1) PICTURE

BRIGHTNESS, CONTRAST, COLOR, VOLUME options will display on the screen as illustrated below:

Press **▼** to select BRIGHTNESS.



Press **+ / -** to adjust the brightness level.

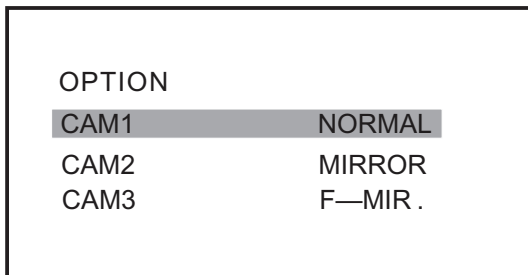
Press **▼** to select RESET.

Press **+ / -** to adjust reset all menu settings.

- (2) OPTION

CAM1, CAM2, CAM3 options display on the screen as illustrated below:

Press **▼** to select CAM1.



Press **+ / -** to select NORMAL/MIRROR/F-MIR./FLIP.

● (3)SYSTEM

LANGUAGE,RESOLUTION,BLUE BLACK,AUTO DIM functions will display on the screen as illustrated below:

Press **▼** to select LANGUAGE.

SYSTEM	
LANGUAGE	ENGLISH
RESOLUTION	AUTO
BACKGROUND	BLUE
REAR-TRIGGER-SCALE	ON
AUTO-DIM	OFF

Press **+ / -** to select English, Deutsch, Français,Español,Português,Italiano, Nederlands or Русский options.

Press **▼** select RESOLUTION.

Press **+ / -** to select AUTO/1080P30/1080P25/720P30/720P25/PAL/NTSC options.

Press **▼** to select BACKGROUND.

Press **+ / -** to select BLUE/BLACK.

Press **▼** to select REAR-TRIGGER-SCALE.

Press **+ / -** to select ON/OFF.

Press **▼** to select AUTO-DIM.

Press **+ / -** to select ON/OFF.

When AUTO-DIM is set to ON, the DAY/NIGHT backlight adjustment options will appear.

● (4)AUTO-SCAN

AUTO-SCAN,SCAN-TIME,CAM1,CAM2,CAM3 options display on the screen as illustrated below:

Press **▼** to select AUTO-SCAN.

AUTO-SCAN	
AUTO-SCAN	OFF
SCAN-TIME	10S
CAM1	OFF
CAM2	OFF
CAM3	OFF

Press **+ / -** to select ON/OFF.

Press **▼** to select SCAN-TIME.

Press **+ / -** to adjust the scan time.

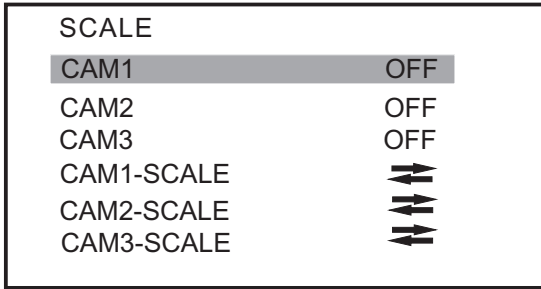
Press **▼** to select CAM1.

Press **+ / -** to select ON/OFF

● (5)SCALE

CAM1,CAM2,CAM3,CAM1-SCALE,CAM2-SCALE,CAM3-SCALE options display on the screen as illustrated below:

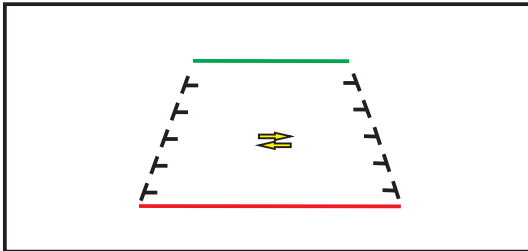
Press ▼ to select CAM1.



Press +/- to select ON/OFF.

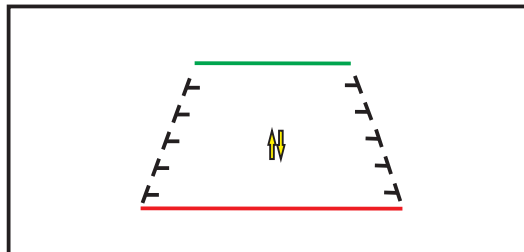
Press ▼ to select CAM1-SCALE.

Press +/- to adjust the PARK LINE position as below:



Press +/- to move the PARK LINE to LEFT or RIGHT.

Press ▼ to change the PARK LINE as UP/DOWN mode.



Press +/- to move the PARK LINE to UP or DOWN.

Press M to exit.

8. Troubleshooting

The Symptoms described below do not necessarily mean a failure within the display.
Please check the following items before you initiate request for repair.

Problem	Cause	Solution
Not turning on.	Fuse is blown.	Replace fuse with same amperage.
Blue or black screen.	Incorrect camera input	Press the "S" key to change camera inputs.
	Incorrect resolution setting.	Change the resolution setting to match the camera.
Dark/unclear camera image.	Incorrect picture settings	Adjust picture settings.
Camera image is mirrored.	Incorrect mirror settings	Adjust mirror settings.
Camera input changing by itself.	Auto-scan setting turned on.	Turn off auto-scan settings.
Power key and S key not responding.	Blue, white, or brown wires are connected to constant power.	Disconnect blue, white, or brown wires from constant power.

NOTES

NOTES

WARRANTY

Congratulations on your purchase. You're joining thousands of satisfied customers who enjoy & experience the benefits of the products we distribute. In the unlikely event that some technical difficulty arises with your purchase, be assured that we are most anxious to see that the problem is quickly rectified to your satisfaction. Please familiarise yourself with the following simple conditions of our warranty. This warranty covers faults through component failure or failure of the product to operate in accordance with published specifications. Product failure as a result of unreasonable environmental conditions, accident, misuse, improper installation, unauthorised repair, vehicle electrical or wiring faults or neglect etc, will not be covered by this warranty. Removal and installation costs, if any, would be paid by the owner as well as any freight or postage costs of transporting the product to AUTOBACS AUSTRALIA PTY LTD and shall not be liable or responsible for any loss of use of this product or any form of consequential loss.

CONSUMER WARRANTY

This product is warranted by AUTOBACS AUSTRALIA PTY LTD to be free from defects in materials and workmanship under **NORMAL USE** for a period of **THIRTY SIX MONTHS** from the date of purchase.

WITHIN 30 DAYS OF PURCHASE DATE:

Please return the unit for replacement to our National Service Centre or the Retailer from where you made the purchase. All accessories must be included. Proof of purchase date **must** accompany the products.

AFTER 30 DAYS OF PURCHASE DATE:

Warranty repair and service is carried out by our National Service Centre. Repair and service will be carried out at no cost to the owner if proof of ownership and the date of purchase can be verified to the satisfaction of the authorised centre concerned with this repair. This proof should take the form of either:

- The warranty card accompanying this product, stamped and dated by the dealer.
- A Tax Invoice or Receipt showing full details of original vendor, purchaser, model number and serial number.

COMMERCIAL WARRANTY

A product used in or associated with a commercial application will carry a limited TWELVE MONTHS warranty. An abnormal commercial application is one where usage, dust, vibration, heat/cold and other environmental conditions exist at an extreme level.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Purchaser's Name: _____

Purchaser's Address: _____

Model Number: _____ **Serial Number:** _____

Dealer Name: _____ **Date of Purchase:** / /

Dealer Address: _____

Invoice/Sales Docket no: _____

General Hints: To expedite service and prompt return of the equipment, please:

- Clearly describe the fault in detail
- Safely and securely pack the unit for transport
- Include your return address
- Provide proof of purchase date as outlined above

National Service Contacts:

AUTOBACS AUSTRALIA PTY LTD

Telephone: 1300 288 029

email: services@autobacs.com.au

