

# Digi-Max3™ 'AHD' 4CH DW Camera System



**User Manual**

# Important Notice



Please read all instructions carefully before installing/using the product. Improper installation/use will void the manufacturer's warranty.

The installation instructions detailed in this manual do not apply to all vehicles and are written as guidelines only.

## **Safety Notice**

The Digi-Max3™ Digital Wireless (DW) Camera System is designed to be used as a driving aid.

Using a reversing camera is not always enough to completely eliminate a vehicle's blind spot(s); if any doubt please stop the vehicle.

# Applications and Features



## Applications

- Reversing camera system for all vehicles/trailers
- Load monitoring for horseboxes and horse trailers
- Agricultural applications

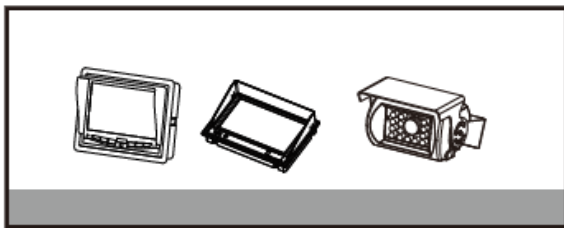
## 'AHD' Monitor Features

- Easy installation via a windscreen mount and cigarette lighter power adapter
- Trigger connections for automatic reversing camera etc display
- Pair with up to 4 cameras (split screen views also available)
- Semi Automatic Pairing (via the monitor only)

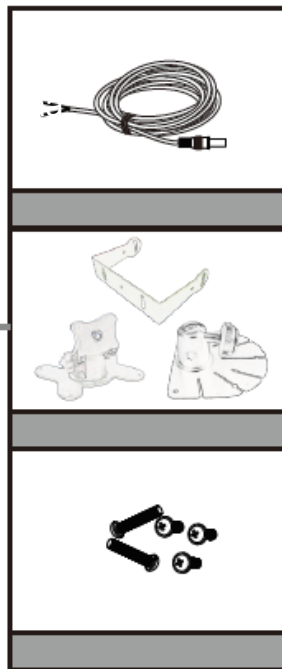
## 'AHD' Camera Features

- Waterproof (IP69K) 12V / 24V
- Night Vision & Microphone
- Sunvisor
- Digital Wireless, up to 200m range (line of sight)

# Package Contents

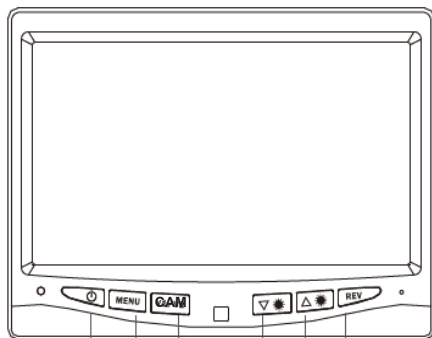


- 7" Monitor (one)
- Up to four Cameras
- Aerials (1/camera & 1/monitor)
- Cigarette lighter power adapter
- Windscreen mount
- Up to four camera brackets
- Camera fixing kit(s)



Dashboard  
mounts  
optional

# Monitor Operation



1. Power

2. Menu

3. Camera Selection

6. Return

5. Right\*

4. Left\*

1. Short press to Standby/short press to turn On.

2. Short press to enter the Menu and confirm selection after entering Menu.

3. Short press to switch to single/split/quad-screen (when multiple cameras are utilised/powered).

4. Select to the left/decrease the value (within the Menu).

5. Select to the right/increase value (within the Menu).

6. Short press to return to the previous screen/ Menu.

**\*Also used to change the Monitor brightness (from 'outside' the Menu).**

# Monitor Operation Guide



## 1. **Power ON/OFF**

The monitor will automatically turn on when it's connected to a power source and can be turned off via the power button. The monitor can also be turned off/on via the ignition. If no signal is received from a camera, it will turn off automatically after 3s. Otherwise, the powered camera(s) will be displayed.

## 2. **Automatic Display**

The camera image will automatically appear on the screen when the trigger is engaged (i.e. if the monitor rear trigger is connected to the vehicles reverse light circuit the reverse camera will be displayed automatically when reverse gear is engaged).

## 3. **Parking Lines**

Selectable on/off via the Menu/System.

# Monitor Specification



Panel	7 Inch Digital Panel
Aspect Ratio	16:9
Resolution	1024*3R.G.B*600
Back Light, Luminance	LED, 350cd/m2
Contrast	1000:1
Viewing Angle	UP -50°, Down -70°, Left -70°, Right -70°
Transmitting Distance	200M in open area
Power Supply	DC 10-36V
Power Consumption	<5W
Maximum Current	<550mA
Working Temperature	-20°C - 60°C
Storage Temperature	-20°C - 70°C

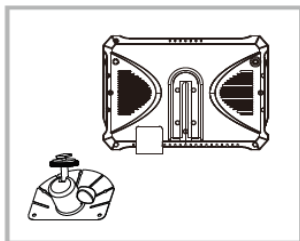
# Camera Specification



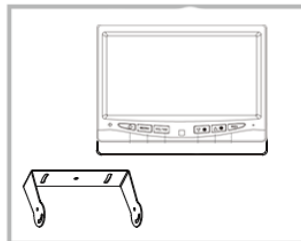
Image Sensor	1/3" Colour
Active Pixels	1292*968V
Viewing Angle	120 Degrees (H)
Night Vision	Up to approx10m
Audio Input	High Sensitivity, -36DB Microphone
Waterproof Level	IP69K
2.4Ghz Wireless Transmitting Distance	200m Line of Sight
Power Supply	DC 10-36V
Power Consumption	<5W
Viewing Angle	120°
S/N Ratio	More Than 48 Db
Electron Stutter	1/100,000(s), ON/OFF
Video Output	1Vp-p 75
Maximum Current	<250mA
Working Temperature	-20°C - 60°C
Storage Temperature	-20°C - 70°C



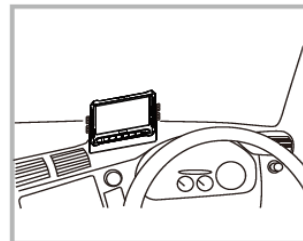
# Installation



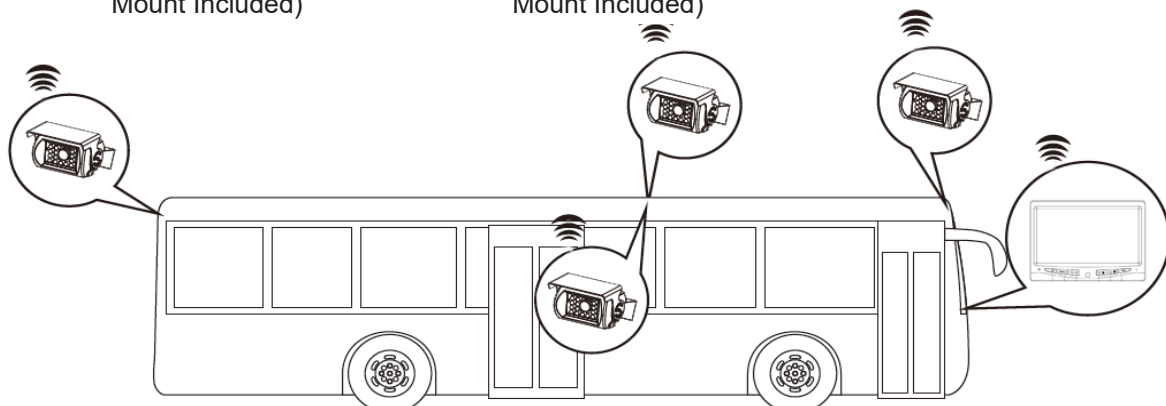
Fan Bracket  
(Optional - Windscreen  
Mount Included)



U Shaped Bracket  
(Optional - Windscreen  
Mount Included)



Windscreen Mount



# Installation (Continued)



1. **Monitor.** The monitor can be fixed to the windscreen in a suitable location (ideally not within the sweep of the windscreen wipers), which does not block the view of the road/outside. The monitor is powered via the Cigarette Lighter Power Adapter ('hard-wire' monitor power adapters are available separately).

2. **Camera(s).** The camera(s) are fixed to the vehicle via the supplied screws/ bolts/brackets & should be located in suitable viewing locations. The cameras can be powered via a lighting circuit etc (i.e. the reversing camera could be powered via the reversing lights, or via the side-lights if utilised as a 'rear view mirror' and any interior camera could be powered via the internal lights, or light switch).

PLEASE NOTE: Cameras can also be powered by battery packs (available separately) and fixed via mag-mounts (available separately).

# User Interface



Menu



PAIRING



PICTURE



MIR-FLIP



CAM-SETUP



SYSTEM

**Press the Menu button to open the Menu, use the up/down buttons to select the different options and press the Menu button again to open the sub-Menus.**

# User Interface (Continued)



**Pairing:** Select the camera/CH for pairing (via the CAM button) and then select pairing... a 60 second on-screen countdown begins, within 60 seconds apply power to the camera to be paired (cameras automatically go into pairing mode when switched on, if not already paired).

**PLEASE NOTE:** Cameras are pre-paired to the monitor, so pairing is only required if a new camera is added to the system etc.

**Picture:** Brightness, Contrast, Hue and Volume adjustment. After entering the PICTURE interface, use the left and right (up/down) buttons to switch to the parameter that needs to be adjusted (yellow). Press the Menu button to begin changing the parameter that needs to be adjusted (red) using the left and right (up/down) buttons.

**MIR-FLIP:** Normal image, mirror image, vertical normal image, vertical mirror image.

**CAM-SETUP:** Turn camera/CHs off and on (i.e turn off 3 CHs if only 1 camera is utilised). Auto Scan: Enable automatic view/scan of all powered/paired cameras. Scan Time: Set the duration of current view/camera before the monitor displays the next view/camera.

# Limited Warranty



## Two Year Warranty

We warrant this product against material defects for a period of two years from the date of purchase. We reserve the right to repair or replace any such defective unit at our sole discretion.

We are not responsible for a defect in the system as a result of misuse, improper installation, damage or mishandling of the electronic components.

**For assistance, please contact:**

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**01733 246473**

