

To get the highest quality images on this monitor it is recommended to use Chipatronic AHD cameras either 720P or 1080P.

Other cameras may be used although images may not be of the same quality and clarity.

For commercial & industrial vehicles

The best quality images require high definition cameras with 1080P HD recommended styles available include:



For domestic vehicles & caravans

While commercial cameras may also be used, Chipatronic *HYBRID* cameras provide flexibility and functionality with 720P HD video.



Standard & Heavy Duty Extension cables

1m | 2m | 4m | 7.5m | 10m | 15m | 10m HD | 20m HD

Special Brackets

This monitor can have a mirror replacement bracket fitted and is supplied with a keystone style to suit common utility vehicles.

Optional version with **LC70** mount is

CH-RVM72S-79 and other, slide-in mounts are also available as options



For further information on any Chipatronic products, please contact our sales team.

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CH-RVM72S

7" Split Screen Monitor



Installation & Instructions

2 Channel Dual Format Monitor

AHD ~ CVBS Video Compatible

Please read and retain these instructions

Monitor Controls

Use the touch buttons on the front screen to operate the monitor. Lightly touch the button to operate.

Change camera display by pressing **AV** V1 to V2

On the CH-RVM72S press again to apply a Vertical or Horizontal screen split. The screen display will cycle through available options.

Leave the monitor on in the required display mode when stopping the vehicle and when the power comes on again it will be in the same mode.



1. ^ Increase / Up
2. Menu
3. v Decrease / Down
4. **AV** Change video input V1 or V2 - Apply screen split **CH-RVM72S**
5. Power On/Off

Setup: The monitor is supplied ready for use and should not require any changes to be made to the **PICTURE** settings. There are no speakers so the **VOLUME** settings is not relevant.

The **MENU** can be accessed using the touch button on the screen.

Touch the **M** button and then use the **AV** button and Up/Down buttons to navigate the menu and to make changes if required. Take a note of the standard setting before changing anything.

Only a few items may require adjustment after installation.

The **Function** menu controls the *Mirror Flip*, *Trigger Delay*, *Guide Line* and *LCD Light* settings. The **VCOM** setting is not relevant to users and should not be changed.

Settings menu has the screen *Rotate* setting which should only be used if the camera has been fitted incorrectly or has the wrong image setting. Changing this affects all channels.

System menu has the *Language* setting and also a *Screen Saver* setting. Normally the screen saver is not used but can be changed if desired.



The driver should not attempt to access the menu while driving. Please ensure that the vehicle is safely parked before going into the menu.

Specifications

Display	7" High Resolution LCD Panel - 1024 x 600 Px
LCD Brightness	500cdm LED Backlight with auto brightness
Compatible Video System	V1, V2 AHD - CVBS Auto-detect
Control	By On-screen menu using touch buttons or remote control
Power	8-36 V DC
AV Inputs	V1, V2 - 4 Pin AV connections (male) with 12V power to camera



Red = 12V + (Accessory or Ignition power) Use a **RunSwitch** to provide a clean power supply if required.

Black = Ground

Green = Reverse Trigger – V2 will come on when 12/24V is applied.

Do not connect the Trigger to a constant power source as this will disable all other functions and lock the monitor on V2.

Connect trigger wire to the reverse lamp circuit or through a switch for manual operation.

Mounting

This monitor can replace the standard rear view mirror in some cars.

The bracket included suits many common makes and models such as Toyota, Mitsubishi, Isuzu and others but some vehicles require different brackets.

A special version with bracket to suit Toyota LC70 series is available.

The monitor can be dash mounted using a fan base bracket or windscreen mounted using a suction cup mount.

Operation

Once connected and installed the monitor can be turned On / Off by using the power touch button or it is used all the time the power should be turned on initially and then controlled by the ignition switch. The monitor will come back to the last state it was in when shut down.