

To get the highest quality images on this monitor the following are the recommended cameras.

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

CH-HPC2DB or CH-HPC2DW
Dual Cameras

CH-DCBL-AHD
Dual Camera + Brake Light

CH-HPC1WD or CH-HPC1BD
Dome cameras for caravans

CH-HPC1MB or CH-HPC1MW
Small, bracket mount box camera

CH-HPC1SB
Small, wide angle box camera

Extension Cables and Caravan Cables

Connection between cameras and the monitor require 4 pin extension cables which are available in variety of lengths.

Standard Extension cables
1m | 2m | 4m | 7.5m | 10m | 15m | 20m

Caravan Cables

There are 2 types of caravan cables, one for the car side and one for the caravan side. Chipatronic caravan cables use metal plugs and sockets for durability and ease of use.

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

P 07 5442 3688 **E** info@chipatronic.com.au or look us up on
W www.chipatronic.com.au



CH-RVM88



Full Display Monitor Installation & Instructions

2 Channel Dual Format Monitor

AHD ~ CVBS Video Compatible

Please read and retain these instructions


Monitor Use

The monitor will start in whichever LCD state is was in when turned off, e.g. if Ch1 (AHD1) was on last time then it will start with AHD1 displayed, if it was off it will still be off. If AHD2 was on, this will be shown.

Use the touch button on the bottom of the screen to operate the monitor.

Short Touch: Turn On ⇒ Switch channels: AHD1⇒AHD2⇒Off (Sequential function) If starting on Ch2 this will be: AHD2⇒AHD1⇒Off

Long Touch (2s): Enter Menu⇒*Brightness-Contrast-Saturation-Tint-Guideline-Reset* Use a short touch when in the required menu to change the setting.

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

To mount in place of existing rear-view mirror

The **CH-RVM88** is designed to replace a standard mirror as well as function as a high quality monitor. Where rear vision using the mirror is not possible this can be used in the same manner with close to standard rear vision in conjunction with a HD camera.

Select the version with mounting bracket that can suit your vehicle:

CH-RVM88-10 suits common windscreen mounting with keystone mount.

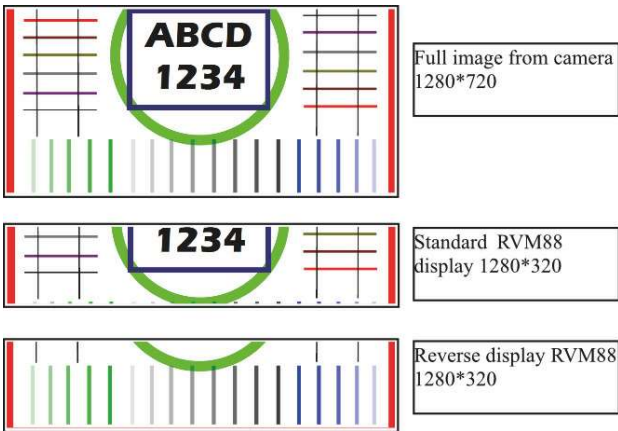
CH-RVM88-79 suits 79 Series Landcruiser.

CH-RVM88-08 suits Ford with triangular, twist-off mount (Ranger etc.).

Remove original mirror carefully and replace with the monitor. Connect the short cable tail from the monitor to the harness cable. The cable must run across to the “A” pillar and down to connections under the dash or in the kick panel to connect to power and cameras.

Camera Display

To retain the correct image proportion only a section of the full vertical camera image is displayed, please adjust the camera position accordingly.



Reverse View

In the reverse mode the portion of the camera image shown is the low part to suit reversing operation.

Specifications

Display	8.8” High Resolution LCD Panel - 1280 x 320 Px
LCD	800cdm Brightness MIPI LCD
Compatible Video System	AHD1, AHD2, AHD, 720P ~ 1080P - CVBS Auto-detect Note that AHD camera will give best results
Control	By touch button with Reverse operation by trigger on channel 2 (AHD2)
Power	12/24 V DC - 350mA max (89mA standbye)
AV Inputs	V1, V2 - 4 Pin AV connections (male) with 12V power to camera



Red: 12/24V + (Accessory or Ignition power) Use a **RunSwitch** to provide a clean power supply if required (12V systems).

Black: Ground (ensure clean ground connection to prevent problems)

Green: Trigger V2 Displays camera 2 in **Reverse View** when 12/24V is applied. This will show the lower part of the camera image with guidelines (if configured).

Do not connect the Trigger to a constant power source as this will disable all other functions and lock the monitor with AHD2 in Reverse view.

The trigger can be connected to the reverse circuit or through a switch for manual operation.

Guidelines: There are multiple guidelines available, go to the menu and when in the guidelines section cycle through the available options to choose the most suitable.

Do not get the monitor wet or use chemical cleaning products.

The monitor will detect the camera signal and display the image, AHD 720P cameras are recommended, see over for standard models to suit.

Warranty is 12 months from date of purchase. Please return to the original installer or place of purchase with documentation.

Damage caused by incorrect or unapproved installation is not covered.

Image quality may vary according to the camera used, no responsibility is taken when used with cameras not supplied by Chipatronic.