CH-STDAHD7

Dash Mount Monitor AHD / CVBS compatible with auto detection

Colour Monitor	7" LCD Panel
Screen Ratio	16:9 standard. 4:3 selectable in Menu (*Mode* function)
Back Light Luminance	LED: 400CD
Resolution	1024 X 600 Px
Compatible System	Auto Detect: **CVBS** – **AHD** (NTSC & PAL)
OSD Control	English / Simplified Chinese (use OSD Menu to change)
Viewing Angle	Hor. L(70) R(70) Ver. UP(50) down(70)
Image Flip	UP/Down and Left/Right (use OSD menu: *Rotate* function to change) *U* is standard view
Power Requirement	DC 12-24V (Red + Black GND). Power button can be used to turn the LCD On or Off
Power Consumption	5W
Storage Temperature	-30 - 80 degree
Working Temperature	-30 - 70 degree
Control input	Buttons below the LCD. Power, Camera selection, Menu with Up – Down buttons
AV Inputs	3 Channel AHD – CVBS video input, single image display, PAL – NTSC Auto detect Change channel using the **CAM** button, cycles between AV1 – 2 - 3
Trigger and Display	1 trigger for each Channel 1 (Brown) and Channel 2 (Blue). Activate by connecting 12/24V to trigger. **Note!** When trigger is activated, other functions are disabled.
AV Connections	4 PIN Aviation type connector provides 12V to camera, video signal from camera.
Accessories Included	Remote control, Sunshade, Power cable, User Manual, Bracket (U type)
Optional Accessories	Suction Cap bracket for windscreen *CH-MBSC* 4 Pin to RCA adaptor for Reverse Camera *CH-4FRCAS*

Compatible Cameras

For AHD, high resolution, please use **Chipatronic *Hybrid*** series cameras set to AHD Mode or other Chipatronic AHD series cameras with 720P HD image quality or higher.

Any standard ***CVBS*** camera can be used with this monitor but the camera image may appear lower quality if the resolution (of the camera) is not high enough.

If using an RCA connected camera a 4 Pin to RCA adaptor **CH-4FRCAS** will be required.

Cables

Please use **Chipatronic** cables and accessories, see www.chipatronic.com.au for complete range of caravan cables, extension cables and accessories.

Connection and installation

Professional installation is recommended as incorrect connection may cause damage to the device or the car.

As vehicles vary between make and model the installation methods, connections and placement will be different and consultation with the owner/operator is recommended before proceeding to ensure that their requirements and expectations are met.

Always ensure that standard installation procedures are followed with appropriate materials used.

- Choose the mounting position and fix the bracket into place. This will usually involve drilling so please ensure that the position is correct before proceeding.
- Run the main cable harness from the monitor to the area where connections will be made, usually under the dashboard. Make sure that the camera cable/s can reach the same place.
- Connect the power – Red to an accessory power circuit. – Black to Ground ensuring good connection.
- If using the *Trigger* functions, connect the required trigger wire; Brown ~ CAM1 or Blue ~ CAM2 to the input circuit which will activate that camera channel. For a reverse camera this would be the reverse lamp circuit but it can be any switched input.
- Connect the cameras to the required inputs using standard extension cable.
- Test for correct operation. If using multiple cameras, make sure that the monitor channel – camera matching is correct and that the camera orientation is correct.

Dimensions:

Chipatronic **CH-STDAHD7** Monitor