1.2MP Vehicle Camera System

The next generation of vehicle video assisted vision is now available in our new **Hybrid Camera Systems** with improved image quality and versatility. Not only can one camera can be programmed to suit almost any common installation but can also be switched to *AHD* for far higher resolution than standard cameras.

What is *Hybrid* technology?

Hybrid technology combines 2 or more different technologies within a single device.
In this case our cameras combine the traditional composite video system (*CVBS*) with *AHD* video and this is able to be changed by camera programming.

Why use AHD?

AHD is **A**nalogue **H**igh **Definition** which is a proprietary technology now found in many CCTV applications and delivers better quality video. Chipatronic Hybrid cameras have a 1280 x 960 pixel image in AHD mode for high quality video on compatible monitors.

The cameras can be used in either *CVBS* or *AHD* mode and in CVBS they will work with existing displays including in-dash units. The cameras can also be easily changed from **NTSC** to **PAL** video format and vice versa to suit your needs by external programming.

When in AHD mode they will only work with AHD enabled monitors which are standalone units with 7" LCD size or larger.

All standard cables are fine to use in either mode so no changes to cabling should be required.

Programming is carried out using a special programming cable and can be carried out by Chipatronic authorised installers only.

Cameras

All hybrid cameras share the same specification with common sensor, lens and signal processor. Housings and IR LEDs are the only difference between the cameras.

1/3" Colour CMOS Sensor | 120º Lens | AHD or CVBS selectable* | 1200TVL AHD (1280x960P) | 700TVL CVBS | PAL or NTSC selectable via program menu* | Mirror image with Real image selectable via program menu* | 4 Pin Aviation connector (female)

* Mode and setting changes require use of separate programming cable

CH-HPC1MB

Mid-size, heavy duty box style camera with bracket mounting suitable for caravans, trucks and commercial vehicles. IR night vision to 5m. Black only.

CH-HPC1WD

Flush mounting, dome camera suitable for caravans, motorhomes etc. with vertical adjustment of the camera inside the housing. IR night vision to 10m. White only.

CH-HPC1HB

Heavy duty box style camera with bracket for trucks, buses, commercial vehicles. IR night vision to 15m. Black only.

Monitors

AHD compatible monitors need to have higher resolution LCD panels in order to display the higher resolution inputs available and Chipatronic AHD series monitors have 7" LCDs with 1024 x 600 pixel display, 60% higher than standard 7" LCDs.

7" LCD | 1024 x 600 Px Resolution | AHD - CVBS auto detection | PAL - NTSC auto detection | Menu setting via OSD | 12 - 24V DC Power | 4 Pin AV input | Reverse trigger input

CH-RVMAHD7

Clip-on style monitor with 2 AV inputs and 1 trigger (Ch. 2). Excellent monitor for caravan camera system and trade vehicles with canopy fitted where monitor is used for rear-view.

CH-STDAHD7

Stand mount monitor for dash/windscreen with 3 AV inputs and 2 triggers (Ch. 2 & 3). Best suited to larger vehicles such as trucks & buses.

Available from leading installers across Australia.