

1080P Cameras for Commercial Vehicles

The CH-AHD4HD heavy duty truck cameras are a series of high resolution vehicle cameras for commercial applications, either as a high quality rear-view or reverse camera or for use with MDVR systems to record video onboard a vehicle.

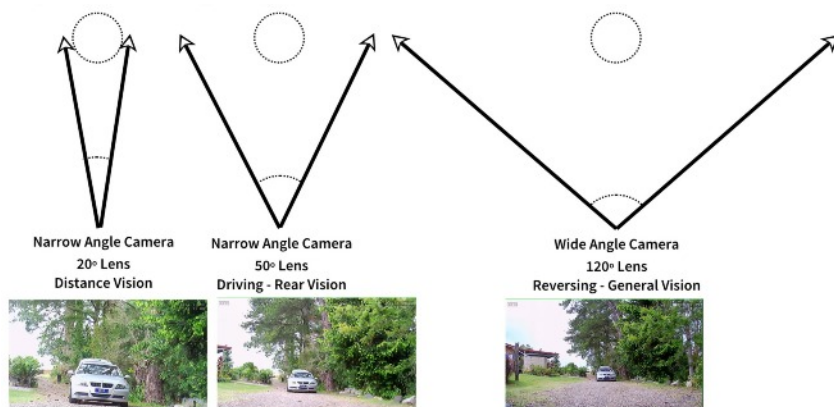
This range of cameras all use the same external housing but have different sensor chipsets and/or lenses which are chosen depending on what the intended use is as cameras should be selected to suit the requirements of the overall system.

Video quality starts with the camera being used and regardless of size or quality of the display, a poor camera will always deliver poor video quality which is why Chipatronic has striven for better quality using HD video rather than traditional Standard Definition (CVBS) video.



The standard version is fitted with a Sony IMX307 image sensor and has an effective pixel count of 1920(H)*1080(V) for 1080P output and is used as an external camera on many Chipatronic MDVR installations.

This model has a 3.6mm lens for a viewing angle of approximately 120°. A version with a 6.0mm lens is available and this provides a narrower view around 60° and is most commonly used for constant rear vision on the back of a vehicle canopy or on caravan. With the 6mm lens, objects will appear closer than with the 3.6mm lens and this setup is better for viewing traffic that is coming up behind. A version with 12.0mm lens is also available for special applications where objects need to be seen in close-up detail.



The camera has a Mirror image as standard so can be used with a monitor as part of a reverse camera or rear-view system but can easily be changed to Real image by cutting the function wire on the cable. This change can be reversed by re-joining the wire.

4 pin female connector suits standard extension cables to connect to monitors and DVRs.

- Model: **CH-AHD4HD-WDR** 1080P 3.6mm lens
- Model: **CH-AHD4HD-60** 1080P 6.0mm lens
- Model: **CH-AHD4HD-20** 720P 12.0mm lens

