

PHONE & EMAIL ADVICE – SECURE ONLINE ORDERS OR CALL OUR OFFICE
DISCREET OVERNIGHT EXPRESS POSTAGE AUSTRALIA WIDE



AHD 1080P 1200TV LINES IR STARLIGHT REVERSING CAMERA

Model Number – CCD-686N

Short Description

Why are Hidden Camera Surveillance *Truck and Bus reversing cameras* different to any other? Compare our camera specifications with others and the first thing to notice is TV Lines & Night Vision. Yes, this *colour reversing camera* has IR night vision built in however, it's more starlight vision. Instead of typical B/W night view where IRs become the illuminators, this particular camera can also deliver colour night vision. Most other mobile vehicle cameras are not bad at 400-600 TVL but take another look at our full camera range. All *reversing cameras* are AHD (*Analogue High Definition*) 1200 TV Lines or double the clarity of others. We don't even stock low resolution *vehicle security cameras*. Need we say more?

Description

Ideal for *cars, buses, trucks, forklifts, agricultural vehicles, heavy machinery, tractors, trailers, caravans, semi-trailers, horse floats* and so much more.

As mentioned, our IP69K rated AHD *Mobile Security Cameras* are significantly better for several reasons. When the vehicle ignition or accessories is switched on/off so too will the *reversing camera system*. We use the term "*reversing camera*" or "*reversing camera system*" because most drivers need one or more cameras just for that OH&S purpose, safety assistance and rear view guidance when reversing. However, whilst most cameras provide this type of guidance, we also offer forward and side view vehicle cameras as well. See our full range.



HCS offers a wide range of AHD 1200TVL *vehicle reversing cameras*, either DIN connection cabled or wireless. It's also fundamentally important to understand that the monitor is up to the same AHD camera standard and once again, that's why it's important to be informed and have that pre purchase knowledge.

Not all cameras are the same. Other than resolution, *mobile truck & bus cameras* take an absolute beating due to constant movement, vibration, and relentless outdoor weather so the camera/s must be tough and tremendously solid which is why we choose these particular *mobile cameras*.



Is IP69K waterproof?

Products that carry the IP69K rating are ideal for facilities where hygiene and cleanliness are critical, as they are proven to be durable and resistant against water, chemicals, high water pressure, and high temperatures associated with demanding cleaning and OH&S measures. In other words, these cameras are waterproof but not submersible.

10G Shockproof what does that even mean?

You often hear the word G-force used in the context of astronauts being launched into space or a jet fighter pilot. An astronaut experiencing a force of ten Gs, for example, is experiencing a force equal to 10 times the force of gravity. Most of us would pass out with head-to-toe G forces of just 4 or 5. I'm just saying, our mobile cameras are 10G rated which has to be taken into consideration when choosing the right *mobile camera* for your vehicle, no matter what it is.

Warranty

Sure, no problem we offer 2 years camera replacement warranty, express postage excluded. We are an Australian registered ABN company since 1982 not some fly by night business.

Are mobile cameras easy to install?

Please note we don't install. Hidden Camera Surveillance *monitors & reversing cameras* have a voltage overload and reverse polarity protection to ensure the hardware isn't damaged by fitting mistakes. Other than mounting a few brackets its very much straight forward although you do need to connect the monitor to vehicle power. In this regard yes DIY if confident otherwise any local auto electrician will have it completed in next to no time with quality assurance. Cameras are 12V powered and when cabled to the monitor, this will provide all necessary power to one or multi cameras.

If on the other hand the camera is the wireless model, perhaps fitted to the rear of a truck, bus, trailer or caravan, normally the camera will take power from a taillight or reverse light which in turn powers the *wireless reversing mobile camera* permanently or only when needed. Otherwise, don't be concerned, the auto electrician will advise the best option to suit your needs.



How are cameras connected to a monitor?

Assuming we are talking about cabled cameras rather than wireless, Hidden Camera Surveillance provides a DIN cable as pictured below. Din cables are optionally available (included with kits) in 5,10,15 & 20m lengths but can be joined together if needed to extend the length. Our 4 PIN DIN plug cables are flexible yet tough and weatherproof with a thicker sheathed copper core surpassing that of others. So, you order cable length required or call our office. One DIN end will plug into the camera and the other end to the monitor. Very straight forward but the key is connecting the monitor to vehicle power. Fortunately, our monitors can handle a wide power range from 9-35V which powers the camera/s and a microphone if ordered. Audio camera microphones is an option and otherwise not included with any camera.

4-Pin Cable

Special thick hard wire can shield vehicle's circuit interference better than normal AV cable.



Waterproof camera

Excellent picture in our camera, over-ecpectation in your mind.



Specifications

- Supports wide voltage DC 12V (DC 24V Optional)
- 18 x IR Night Vision with IR cut filter (auto adjusting light)
- 10G shockproof
- Semi tilting camera mounting bracket
- Camera rating IP69K
- Both mirror and non-mirror monitor viewing functions

Audio microphone - Optional

1200TVL UHD camera provides high quality crystal clear view (better than standard HD 600TVL)

Ideal for cars, buses, trucks, forklifts, agricultural vehicles, and all heavy machinery

Built-in Light Sensor

Optional Camera sun Visor (depends on the camera model)

AHD1080P/960P/720P

1-AHD 1080@25FPS;1080@30FPS 1920 (H) x1080 (V)

AHD 960@25FPS;720@30FPS: 1280Hx960V

AHD 720@25FPS;720@30FPS:1280Hx720V

Specifications	
Model CCD-686N	IR Starlight Reversing Camera
Description	CVBS/AHD Chipset
Image Device	AHD
Horizontal Resolution	1200 TV lines
Lens	2.8mm
Lens Angle	120 Degrees
Infrared LED light	8 LEDs (auto night active)
IR Distance	15m (IR Cut Filter) auto senses night vision
Camera IP Rating	IP69K
Technical	
TV System	PAL/NTSC
Mirror Image Switch (monitor)	Yes
Monitor Support	720P/960P/1080P & CVBS
Shockproof	10G
Minimum Illumination	0 Lux with 18 x IR's
Colour System	Auto
Video Output	1.0vp-p, 75Ohm
AGC	Auto
S/N Ratio	Better than 48dB
White Balance	Auto
Electronic Shutter	1/50(PAL) ~ 1/100,000 Sec
BLC	Auto
Casing	Metal alloy
Camera Power	DC12V
Operating Temperature	-20°C~75°C , RH95% MAX
Camera Dimensions	52 (W) x 55 (H) x 25 (D) mm





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