

Hidden Camera Surveillance – The Mobile Camera Experts

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DISCREET OVERNIGHT EXPRESS POSTAGE AUSTRALIA WIDE



9" DVR QUAD AHD MONITOR & CAMERA HEAVY VEHICLE REVERSING KIT

Model Number – 918HD-DVR-Q

Short Description

9" AHD (Analogue High Definition) DVR QUAD View truck & Bus monitor kit including 4 x AHD cameras and cables. The optional 256GB SD memory card provides up to 48 hours of constant video recording and auto recycle recording when full.

The IP69K rated colour & IR Night Vision wide-angle AHD mobile cameras, can be pre ordered in various styles if the sideview cameras kit cameras are not required. Cameras and cables can be ordered to suit individual requirements. All mobile cameras are AHD 1200 TV Lines Super HD with a clear and wide 120 degree angle view. This kit is supplied with 4 x 15M easy connection DIN cables.

AHD is double the resolution of standard 600TVL reversing cameras and that alone makes this system special. The *Quad view reversing camera kit* isn't like others. The cameras and monitor are Ultra High quality with a "parking guidelines" function included. This function is not available with others but standard with this model.

Description

This **9" DVR AHD Quad Colour Monitor** is significantly better than most. Cameras 1, 2, 3 & 4 are simultaneously displayed as a single, quad and many other viewing options. See the viewing diagram below. Furthermore, any camera can be relayed to display full screen when reverse gear is selected and when drive is selected, all 4 cameras auto resume the driver preferred view. The same applies to vehicle indicators. When the left or right indicator is selected, this triggers the appropriate camera to display full screen. The AHD monitor supports those functions, but the decision to use them is yours.

Ideal for cars, buses, trucks, forklifts, agricultural machinery, cranes, mining trucks etc. When the vehicle ignition or accessories is switched on/off so too will the *mobile camera kit*.

Please note Hidden Camera Surveillance also offers a range of wireless *mobile reversing camera kits* and made to order systems. This DVR (Digital Video Recorder) kit consists of a 9" AHD monitor with sunshade, 4 x AHD front, rear and sideview cameras plus 4 x 15M robust Din connection plug & play cables. This colour monitor offers selectable resolutions from 720P, 960P and 1080P CVBS & AHD signals.

It's important to understand that not all cameras and monitors are the same, particularly when used in mobile situations. Our 10G rated IP69K cameras and monitors are solid state meaning unlike others, they won't fail due to constant mobile vibration, and we offer *12 months fault replacement warranty*.



Why are there two camera types?

Pictured below are 4 x AHD mobile cameras supplied with the Quad camera kit. All cameras are IP69K rated including IR night vision and all support mirror & flip views. Camera kit contents can be different to ordering specific types of cameras whilst monitors are also available in various sizes including 5, 7 and 9" models. Some AHD monitors are single camera full screen view only whilst others are dual cameras with a 2 way split screen or a 4 channel quad camera view. In this case the DVR monitor isn't just a quad view but a 4 camera channel recorder.

- The two rectangular shaped cameras (model CCD-662) are designed for reverse or forward view.
- The two round shaped cameras (CCD-680) with a flat mounting base are **sideview cameras**. These cameras can be mounted forward or backward, and the round lens manually rotated in any direction to obtain that perfect frontal or back facing side view.

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 pressure, and high temperatures associated with demanding cleaning and OH&S measures. This camera is 10G shockproof and weatherproof but no submersible as such.



Is this reversing camera system easy to install?

Other than mounting a few brackets its very much straight forward although you do need to connect the monitor to vehicle power. Please ensure your system is installed by a licensed auto electrician as damage caused by improper or an unauthorised installer is not warranty.

Specifications

9" Quad DVR AHD Truck & Bus Reversing Camera Kit

Supports up to 256GB SD card for recording (SD card optional)

Supports a wide voltage range 12V to 36V

Digital TFT LCD Screen with monitor shade sun visor

Ultra-High definition monitor 1024 x 600 (not lower pixel resolution 800 x 480)

Supports CVBS and AHD mixed cameras

4 x AHD camera inputs

Selectable full screen single, split and 4 way quad and various other viewing selections.

Quad image display in real time at 720P, 960P and 1080P

Colour system is auto

Operating temperature -10C to + 65C

IR Night Vision with IR cut filter

10G shockproof

Monitor includes **parking guidelines**

Removable and semi rotational monitor U bracket

Camera rating IP69K

Both mirror and non-mirror viewing functions

Audio microphone - Yes

Monitor Type 16.9 wide screen

Advanced 4 PIN robust cables allows the monitor to power the cameras.

Easy DIY plug and play no wiring needed

UHD cameras quality crystal clear view (superior to standard HD 600TVL)

2 x CCD-680 Sideview cameras 1200TVL IR

2 x CCD-662 Rear and front view cameras 1200TVL IR

Ideal for cars, buses, trucks, forklifts, agricultural machinery etc

Added blind spot safety for larger vehicles

Built-in Light Sensor

The monitor will auto dim by night

Removable Monitor sun Visor

Various Menu Language support

Rotational Bracket

Camera tiltable sunvisor

Reversing guidelines

This **9" DVR colour Quad TFT LCD vehicle monitor & camera kit** consists of an ultra-high definition colour LCD screen offering significantly higher visual resolution compared to others. There's no point having an Ultra-High definition 1024 x 600 monitor if the camera/s are lower quality or not to the same monitor standard. The supplied 15m AHD 4PIN connector cables (various lengths available) connect each camera to the monitor. The monitor connects to vehicle power (12V to 36V) which in turn powers each vehicle camera. Trigger wires with adjustable time delay inputs, enable indicators or reverse gear to trigger an AV channel full screen.

This **4 way view reverse DVR camera kit** has voltage overload and reverse polarity protection to ensure the hardware isn't damaged by fitting mistakes. The metal alloy U bracket (pictured) allows for the monitor to be dash or roof mounted whilst the bracket tilt allows for that perfect visual view. Stylish front panel touch button control with built-in auto light sensing, this monitor will auto dim by night to avoid glare.

Kit Includes

1 x 9" AHD Quad DVR Digital Monitor
4 x UHD IR and 1200TVL colour reverse & sideview cameras
4 x 15M 4PIN Cable (other lengths optional)
Rotational alloy camera mounting bracket
U bracket
Screws
User Manual



4 Pin Din Cables

4 Pin Din Cables as pictured below are vital to the kit. Pictured below is the actual cable depicting the male and female 4 Pin connectors. One end will plug into the monitor lead with a secure screw fitting and at the opposite end of the same cable, this fixes to the camera connector as pictured below.

These cables are available in various lengths ranging from 5,10,15 and 20M. If you have a particular cable preference (cables can be joined) call our office before ordering. Din cables are robust, weatherproof, and designed for Analogue HD not necessarily standard low resolution cameras. Note that our DIN cables have been upgraded from standard 4mm to AHD 4.5mm. With more insulated copper core, this provides not just longer life but higher quality signal. cOther cables are simply not the same and will have a thinner and cheaper copper core with little or no wire protection.



This monitor image depicts the reversing or backup guidelines. The "Image Flip" demonstrates a mirror like view and a standard non-mirror or real front and rear camera view. Both the guidelines and Image flip function can be switch on/off.

Menu turn on/off backup lines



Backup lines on



Backup lines off

Image flip



Mirror(Rear View)

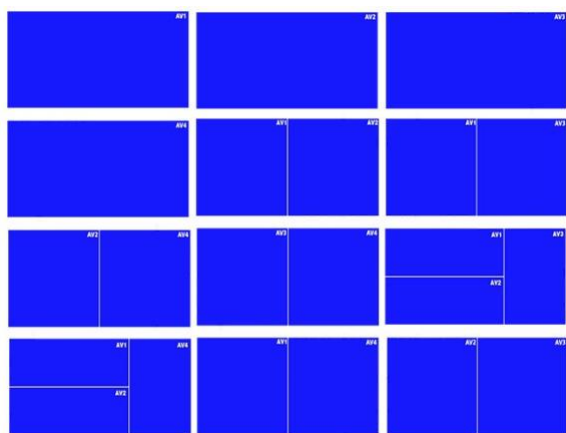


Facing (Front View)

| Specifications | |
|-----------------------|-------------------------------|
| Model 918HD-DVR-Q | 9" DVR Quad Camera Kit |
| Description | CVBS/AHD Chipset |
| DVR Recording | Up to 256GB SD card optional |
| Image Device | AHD |
| Horizontal Resolution | 1200 TV lines |
| Lens | 2.8mm |
| Lens Angle | 120 Degrees |
| Infrared LED light | 18 LEDs (auto night active) |
| IR Distance | 15m (IR Cut Filter) |
| Camera IP Rating | IP69K |
| Technical | |
| TV System | PAL/NTSC |
| Mirror Image Switch | Yes |
| AHD LCD DVR Monitor | 9" – 16:9 Wide screen |
| AV Inputs | 4 |
| Monitor Parking | Guidelines on/off |
| Monitor Support | 720P/960P/1080P & CVBS |
| Monitor Resolution | 1024 x 600 |
| Shockproof | 10G |
| Colour System | Auto |
| Cable Connector | 4 Pin Din |
| Scanning System | 2:1 Interlace |
| Sync. System | Internal |
| Minimum Illumination | 0Lux (Infrared on) |
| Vertical Frequency | 50Hz / 60Hz |
| 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 | -10°C~65°C , RH95% MAX |
| Monitor Dimensions | 228 (W) x 143 (H) x 40 (D) mm |



This is typical view of the monitor display selection options. Note the monitor supports single, split, view, 3 way view, quad view and more.

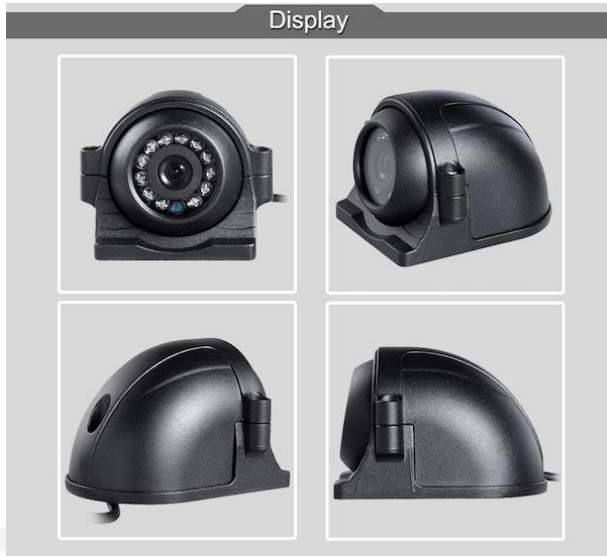


This is the CCD-662 forward and/or reverse camera.



This is the sideview camera with rotational camera lens. The outer cover can be removed or loosened to enable the internal camera to be rotated in various directions. All cameras support the mirror function as well.

This image depicts the side view camera at various angles. All cameras include IR night vision and the ability to rotate the camera lens in any direction thus offering the driver that perfect view.



This is an underside view of the sideview camera



ra Surveillance



18 IR LED

Infrared night vision, even in a dark environment, can also be clearly photographed.



TWO color optional



white



black

Suitable for a variety of models



HOS

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