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**DISCREET OVERNIGHT EXPRESS POSTAGE AUSTRALIA WIDE**



## **9" QUAD AHD MONITOR & CAMERA 360 DEGREE REVERSING KIT**

**Model Number – 918HD-4-QUAD**

### **Short Description**

*9" AHD (Analogue High Definition) QUAD View truck & Bus monitor kit* includes 4 x AHD reversing cameras and 4 x 15m DIN connector cables. IP69K rated colour & IR Night Vision wide-angle mobile cameras, can be pre ordered in various styles if the kit cameras are unsuitable. Cameras and cables can be ordered to suit individual requirements. All mobile cameras are AHD 1200 TV Lines Super HD with a nice wide 120 degree angle view.

4 cameras provide a front, rear and side view 360 degree field of view ideal for buses, trucks and all heavy vehicles. AHD is double the resolution of standard 600TVL *mobile reversing cameras* and that alone makes this system special. The *Quad view reversing camera kit* isn't like others. All mobile *rear view cameras* and monitor are Ultra High quality including a "parking guidelines" normally not available with others but standard with this model.

### **Description**

This 9" colour AHD monitor is significantly better than most. Cameras 1, 2, 3 & 4 are simultaneously displayed to a quad or any other multi camera split view as depicted below. The driver has the option to switch between any camera configuration. Furthermore, any camera can be relayed to display full screen when reverse gear is selected. When Drive is selected all 4 cameras will auto resume the quad 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 point is the monitor supports those functions, but the decision to use them is your choice. Ideal for *cars, buses, trucks, forklifts, agricultural machinery, cranes* etc. When the vehicle ignition or accessories is switched on/off so too will the *mobile camera kit*.

Please note Hidden Camera Surveillance offers a range of *mobile reversing camera kits* or made to order systems. Some of our more advanced *Quad Camera Systems* include camera recording. This particular *4 camera mobile system* does NOT record. It 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 with 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 *2 year fault replacement warranty*.

### 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. We recommend using a licensed auto electrician to install your rear view system as warranty does not apply to improper non authorized installation.

### Why are there two camera types?

Pictured below are 4 x AHD mobile cameras supplied with this Quad camera kit. All cameras are IP69K rated including IR night vision and all support mirror & flip views. Camera kits are different to specific camera & monitor system orders.

- 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.



### Specifications

9" Quad AHD Truck & Bus Reversing Camera Kit  
Supports a wide voltage range 12V to 36V  
Digital TFT LCD Screen with monitor shade sun visor  
Ultra-High definition 1024 x 600 pixels (not lower resolution 800 x 480)  
Supports CVBS and AHD mixed cameras  
4 x AHD camera inputs  
Selectable full screen single, 4 way quad view & various other view 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 & flip functions  
Audio microphone - Optional

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

This **9" colour TFT LCD vehicle monitor & camera kit** consists of an ultra-high definition colour LCD screen offering significantly higher visual resolution compared to others. Similar monitors are just 800 x 480 pixels and not to the standard of this monitor.

Furthermore, 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 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 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" UHD Quad 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. Our DIN cables have a shielded and thicker solid copper core.

### 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.



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)



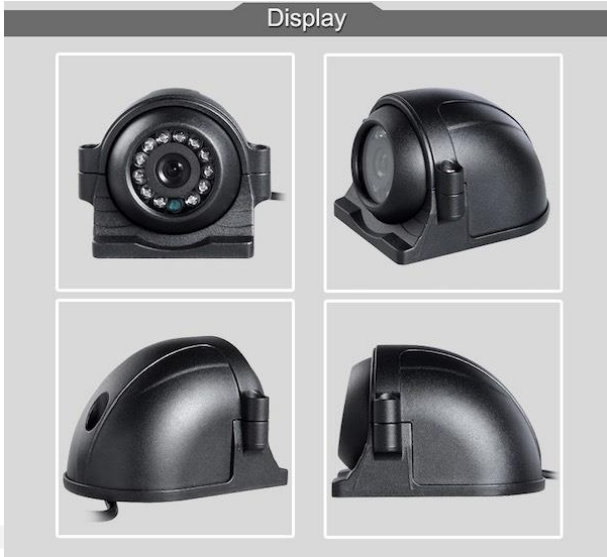
Facing (Front View)

Specifications	
Model 918HD-QUAD	Quad View Camera Kit
Description	CVBS/AHD Chipset
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 Monitor	9" – 16:9 Wide screen
AV Inputs	2
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
Vertical Frequency	50Hz / 60Hz
Minimum Illumination	0Lux (Infrared on) 0.1 Lux (day) / F1.2
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 35 (D) mm

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.





### 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



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