

RE-VCC ...

Waterproof cameras for vehicles

Product description

DSE vehicle cameras are designed for mounting in vehicles such as cars, vans, campers and public or heavy vehicles. They can also be used successfully in any application where a small waterproof camera is required. Thanks to the Fish-Eye lens, excellent for close-up shots, they provide excellent results in video intercom, access control and industrial inspection shooting.

Composition of the product

- Wide angle lens camera
- Power and video cable
- Video extension cable (5m)
- Drilling Tool (Flush Mount Models Only)

Watertight container in aluminum

DSE vehicle cameras are enclosed in an airtight container made of corrosion-resistant metal that protects them from impact. The sealing gasket guarantees absolute water resistance (IP67) which allows outdoor installation without protection.

Assembly

The cameras are available in different models to choose from depending on where you want to install the camera and the shooting direction. The built-in models are supplied with the drill tool for making the mounting hole.

The camera and the lens

The vehicle cameras use a color C-MOS sensor and produce an analog CVBS video with a resolution of 420 TV lines.

AHD models produce a 1MP (720P) or 2MP (1080P) AHD video signal. To be able to receive these signals, you need a DVR or monitor compatible with the AHD standard.

Unlike normal surveillance cameras, these models use ultra wide-angle fish-eye lenses to ensure the maximum possible wide angle while minimizing blind areas with no visibility. The lens is not replaceable.

The RE-VCC --- IR models are equipped with LEDs for night vision.

Front and rear view shooting (MIRROR)

When used on board vehicles, the camera can be used to film from the front with respect to the direction of travel or from rear view. For this reason, all DSE vehicle cameras have a system for reversing the mirror image (MIRROR function) so as to be able to shoot behind the driver, providing the same view that you would have when looking in the rearview mirror.

Many models allow you to select normal or mirror viewing by cutting an external green cable located near the connectors. Care must be taken in making this choice as the modification is not reversible except by resoldering the cable. Switch with the camera without power.

Parking lines

Some models have the option of superimposing colored reference lines in the image to help the driver of the vehicle when parking. Many models allow you to eliminate parking lines by cutting a white external cable placed near the connectors. Care must be taken in making this choice

as the modification is not reversible except by resoldering the cable. Switch with the camera without power.

AHD / CVBS switching

Some AHD camera models also support normal CVBS video. You can switch the video signal from AHD to CVBS by cutting the external blue cable located near the connectors. Care must be taken in making this choice as the modification is not reversible except by resoldering the cable. Switch with the camera without power.

Audio

Waterproof cameras, for obvious protection reasons, do not have a microphone on board.

The wiring

Vehicle cameras connect directly to an analog video signal monitor. DSE produces several small LCD models already supplied with preparation for mounting on vehicles. AHD signal monitors are also available, suitable for high resolution cameras

The camera can also be connected to both desktop and portable digital video recorders. DSE also produces video recorders specifically developed for use in vehicles, called MDVRs.

On the back of the camera comes out a cable of about 50 cm that ends with a connector for 12VDC power supply (5 mm positive central jack socket) and a connector for video (RCA female). A 5 m long video cable with male RCA terminals is supplied with the camera, usually suitable for the average vehicle.

The camera power supply is 12VDC and is usually supplied by the vehicle's battery.

For general uses not on board vehicles, the camera can be powered with a stabilized 220VAC / 12VDC 500 mA power supply (not included).

By connecting the camera to an external transmitter such as RE-DTX, it is possible to transfer the video signal via radio.



Technical data



http://www.dseitalia.it/Prod_telecamere_veicoli.htm

