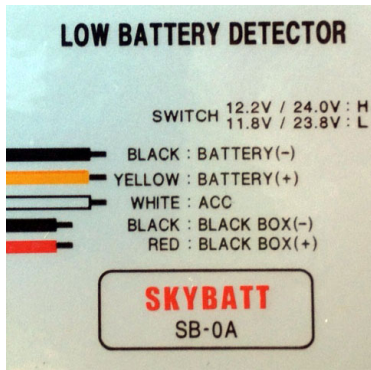


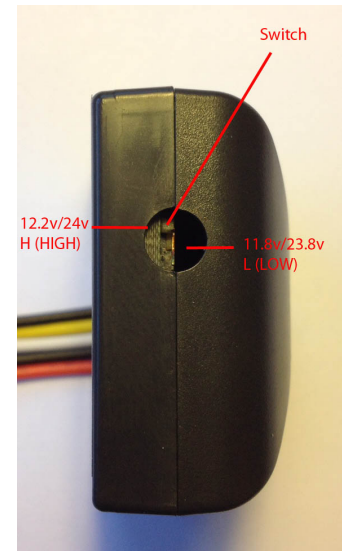
Mi-Witness Smart Power User and Install Guide.

WARNING: With any permanent connection to a vehicle we suggest that you take advice from a qualified auto electrician. You must follow manufactures guidelines on installing accessories in to your vehicle to protect your vehicles warranty. Do not install the Mi-Witness Smart power into your vehicle unless you are competent with vehicle electrics and wiring. Failure to follow this advice could either invalidate your vehicles warranty or damage the Mi-Witness Smart Power and/or the In-Car camera.



The Mi-Witness Smart Power Hardwire kit allows for effective utilisation of the parking mode feature and protects the vehicles battery from excessive power drain. The Mi-Witness Smart Power is installed out of sight.

Parking mode is where the In-Car Camera records video to the internal In-Car Camera memory and if nothing happens it dumps the video, however if the Mi-Witness HD camera sees something it saves the video to the SD card. For example if you have parked your vehicle in a car park and someone bumps your vehicle when your away and the In-Car Camera sees it happen, it will save the video to the SD card for viewing at a later time.



Technical operation of the Mi-Witness Smart Power

There are two settings for the Smart Power, 12.2 volts and 11.8 volts on 12 volt vehicles or 24 volts or 23.8 volts on 24 volt commercial vehicles. The setting adjustment is made using the switch on the side of the Mi-Witness Smart Power.

The White wire on the Mi-Witness Smart Power is used to tell the Mi-Witness Smart Power Control Circuit to monitor the vehicles voltage through the Yellow wire.

When you turn off the vehicle the Mi-Witness Smart Power Control Circuit knows you have done this by sensing the loss in voltage through White wire and will then monitor the vehicles voltage through the Yellow wire. If the voltage falls below the chosen setting for more than 1 minute and at no time it rises above the chosen setting during this time the Mi-Witness Smart Power Control Circuit will remove the power from the In-Car Camera, if the voltage rises above the chosen setting during the 1 minute timed period, a reset of the timer will happen and the Mi-Witness Smart Power Control Circuit will continue to monitor the vehicles voltage and keep the In-Car Camera powered up. This cycle is repeated until the Mi-Witness Smart Power Control Circuit removes the power. Once the Mi-Witness Smart Power Control Circuit has removed the power from the In-Car Camera the Mi-Witness Smart Power Control Circuit will not reactivate the power to the In-Car Camera until the white wire sees a new voltage. i.e. you turn on the vehicle.

It is very important to make sure that the accessory connection (White Wire) is completely free from any voltage when the vehicle is stitched off, if any voltage can be detected the smart power may not cut the power to the In-Car Camera when the vehicles voltage falls below the selected setting, this could cause the vehicles battery to completely discharge.

Install Notes

On the back of the smart power is a small sticker explaining the wire connections and the switch position.

- The yellow wire is connected to a permanent positive 12 volt supply directly from the vehicles battery.
- The White wire is connected to a switched positive 12 volt supply, a supply that comes on when you turn on the ignition key and goes off when you take it out.
- The black wire is connected to the chassis also known as a negative supply.

All three wires must be connected for the Mi-Witness Smart Power to work.

The In-Car Camera cigar lead is inserted into the female accessory socket on the smart power. It is recommended that you tape the joint to prevent the two from separating when installed behind the vehicles trim.

Important Notes on connecting to your vehicle wiring: When choosing your supply make sure that you do not connect to any can-bus circuits, any vehicle monitored circuit or any circuit that goes into hibernation. Some vehicles monitor the wiring circuits and will throw up an error on a dashboard display. If this is the case often the tracking circuit is a good area to connect to.

To protect your vehicles warranty. It is highly recommended that you do not use Scotch Connectors or cut the vehicles wiring, you should solder the wires. Secure the wiring and Mi-Witness Smart Power securely to prevent any damage or wiring abrasion.