

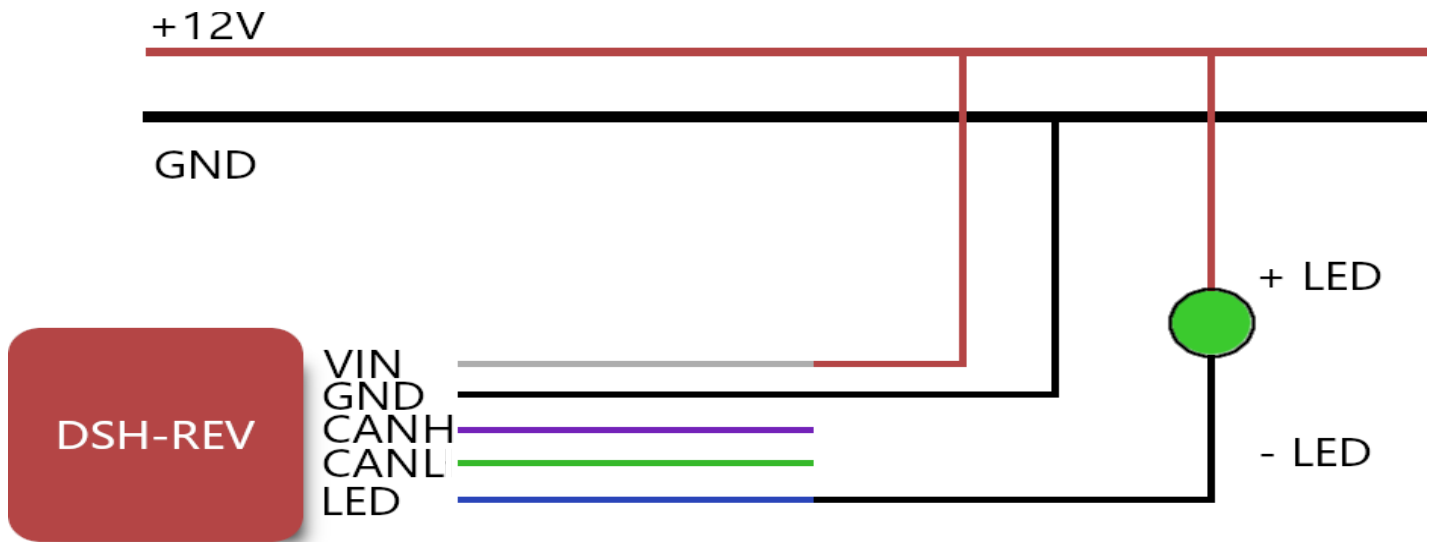
DSH-REV

Quickstart guide

Electrical Characteristics

- Vin : 9 ~ 18 Volt
- Current: 100mA@12V
- Led Output: max 20V, max 40mA

WIRING



To change the settings you need a device with a WiFi connection and an Internet browser (Firefox, Chrome, IE, etc.)

SSID: DSH-REV

PASSWORD: dsh2025!

The IP address is always <http://192.168.4.1>, if you use a mobile phone to connect you need to disable “data mode”.



CONFIG

CONFIG

THRESHOLD VALUE: value beyond which the LED lights up

LED BRIGHTNESS %: LED intensity in percentage

BLINKING TIME (ms): LED flashing speed

LED TYPE: What type of LED are you using:

CLASSIC TYPE: classic led

~~W2812B: Led o striscia led del tipo w2812B~~

CANBUS: Canbus on/off. If the canbus is active the OBD via wifi will be deactivated

CANBUS MODE: canbus mode

Normal: the device will let the bus know that it is present

Listen Only: The device will be transparent to the bus and will only listen without ack

CANBUS SPEED: bus speed

OBDII

OBD WiFi SSID: OBD KEY WiFi SSID

OBD WiFi PWD: OBD KEY WiFi Password

OBD WiFi PORT (35000): OBD key communication port (usually 35000)

OBD Protocol: Car protocol, usually ISO 15765-4 CAN 29B 500K

OBD SENSOR Refresh (ms): How often request the value via OBD

ADAPTIVE TIMING MODE: Timeout handling after an OBD request

FASTMODE: In some cases it can speed up data reading

OBD PID: Sensor to be requested via OBD

CANBUS

Data Type: type and width of the value to be read

Byte Position: Position of the first byte

Endianness: Data order mode

CAN ID (dec): Sensor Canid in decimal

Multiplier: Multiplier to apply to the received value

Divider: Divisor to apply to the received value

Offset: Number to add or subtract from the received value

Formula: Value = (Value * Multiplier) / Divisor + Offset