PMRS Vehicle Installation

Preface: This manual will explain how to install the PMRS unit in a vehicle and have its operation triggered by the activation of the vehicle.

Part 1: Configuration of the device: for 12V trigger

a. Open the Device configurator while the device is attached with a USB cable (DIP switches elevated)

b. Go to the GPIO tab, enable the *limit port wakeup* and enter the amount of minutes you want the PMRS to stay activated after the vehicle stops running.
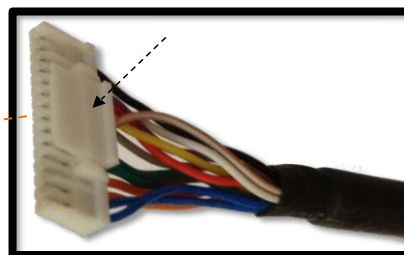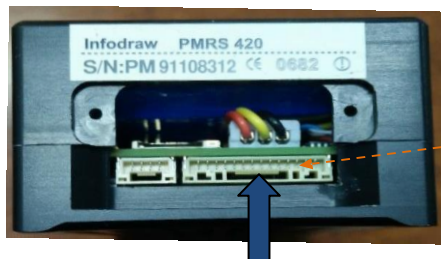
Part 2: Installing the device in the vehicle:

a. Charge the PMRS by the power supply in the car
   For 12V trigger:

b. Keep the PMRS device **off** (do not turn in on)

c. Connect the Orange (12V) and Black (GND) wires in the PTZ/GPIO cable to a power source in the vehicle that is operational only when the vehicle is on (not directly to the car-battery).

CAUTION! Make sure to put the correct wires in place - reverse polarity may cause the device to explode.

d. Connect the other side to the back-side of the PMRS unit

e. Start the car and the PMRS should be activated

The GPIO/PTZ cable index:

INDEX	COLOR	FUNCTION
1	BLUE	GPIO IN 1
2	BLUE-WHITE	GPIO IN 2
3	ORANGE	**12V ON**
4	RED-WHITE	EXTERNAL_TRIGGER
5	GREEN	GPIO OUT 1
6	PURPLE	GPIO OUT 2
7	BLUE-WHITE	RS232 TX
8	BROWN	RS232 RX
9	PURPUL-WHITE	PTZ TX+
10	GRAY	PTZ TX-
11	YELLOW	5V
12	RED	TTL TX
13	WHITE	TTL RX
14	BLACK	**GND**