



## Vidisafe ANPR DC-DC PSU with UPS

### Key Features

- Input between 9 ~ 32V DC
- Programmable voltage thresholds
- Dual output voltages +12V & 19V DC
- Anti Thump output in automotive mode
- Motherboard startup/shutdown control by ON/OFF pulse or USB
- Highly customizable startup/shutdown timers via simple DIP switch config
- Low Power consumption
- HID-USB connection
- Built-in intelligent UPS / DC battery charger
- Built in 12V back-up battery (1200 mAh LiFePO4)
- Intelligent thermostatic fan temperature control
- Programmable relay output
- Programmable Spread Frequency Modulation for reduced EMI



### Specifications

- The PSU is able to send ON/OFF 'pulse signals' to motherboards based on filtered input voltage levels or Ignition sensing, making it an ideal device for automotive or battery powered installations.
- Automated 'graceful shutdown' of the ANPR processor via USB using intelligent ignition OFF sensing.
- If ignition is considered to be OFF, the PSU will wait 15 seconds before sending the shutdown pulse to the motherboard.
- This shutdown signal can be sent through the ON/OFF pins or through USB, depending on the configuration of the CONFIG1 PSU set-up / shutdown menu
- CONFIG 1: (bit7 ..Bit0) bit5:If set, the USB sense is enabled, +5V USB is used to detect the Motherboard alive status
- bit4:If set, the PSU can shut down the OS by USB by sending a Power Button event.