

SED-VTU

4G Vehicle Tracking Unit



The SED-VTU is a high end vehicle tracking unit. This device is suitable for any mobile application such as Cars, Trucks, Trains and more. The SED-VTU has 4 inputs and 4 controllable outputs, also featuring, a broad input voltage range with onboard back up battery. The SED-VTU is designed to work with the Sec-Eng Pegasus Tracking server platform.

Features:

- Wide Input voltage range 12-35v DC
- 4 inputs (expandable)
- Adjustable input polarity (negative or positive)
- 4 relay outputs (expandable)
- 50 channel fast acquisition GPS chip set
- Low power switch mode power supply
- In built back up battery
- On board 4 axis accelerometer
- Tough metal housing
- Designed for tough conditions

Applications:

- Cars
- Trucks
- Buses
- Trains
- Forklifts
- Boats



SEC-ENG
SYSTEMS

SED-VTU

Vehicle Tracking Unit

FEATURES

OPERATION:

The SED-VTU is installed into a vehicle which then constantly receives GPS updates from a satellite. The VTU then polls to the Pegasus server via a 4G connection. On Pegasus you will be able to see the vehicles movements and live location. You also have the ability to set up and monitor inputs and outputs. (For example, you could kill the engine remotely). When you trigger an output, Pegasus sends that request over the 3G connection to the VTU.

INPUTS/OUTPUTS:

The SED-VTU comes with 4 inputs and 4 outputs. You have the option to expand them to 8 inputs and 8 outputs. These input/outputs are set up to be monitored and activated or deactivated on the Pegasus server.

TECHNICAL SPECIFICATIONS:

- Dimensions: W 135mm L 175mm H 43mm
- Weight: 721 Grams
- SIM Required: MINI size (Voice and SMS)
- Modem: Sierra Wireless WP7609
- Network Connectivity:
 - 2G** - 850/900/1800/1900 MHz
 - 3G** - 800/850/900/1700/1900/2100 MHz
 - 4G** - Band 1 (1920-2170 MHz)
Band 3 (1710-1880 MHz)
Band 5 (824-894 MHz)
Band 7 (2500-2690 MHz)
Band 8 (880-960 MHz)
Band 28 (703-803 MHz)
- Operating temperature -3° to 60° Celsius
- Operating Relative Humidity 5% - 90%
- Power Input: 11-36v DC, 250ma DC
- Current draw: Standby 40mA at 12V,
Transmitting 300mA at 12V
- Output Relay rating: 125v, 1A DC
- Backup Battery: Li Ion 7.2v, 3.35Ah
- Antenna connector: x2 SMA Female
- Antenna supplied: Window mount Puck Antenna
- Telstra Approved & FCC Approved

POWER AND BATTERY:

The SED-VTU connects to the vehicles power supply. It will have a power input somewhere in between 11-36v DC. The VTU also comes with a Li Ion 7.2V, 3.35Ah backup battery which can support the unit for up to 27 Hours.

