

INSTRUCTION FOR THE FLEET MANAGEMENT ON-VEHICLE TERMINAL

P3CSIM200 is an on-vehicle terminal specially designed for the managing of commercial vehicle fleets. The terminal can transfer the GPS longitude and latitude data of vehicles to the servers of service providers in real time. The terminal works on three frequencies, 900, 1800, and 1900. Service providers can optimize the settings of the terminal according to the requirement of customers and the cost of using local GPRS networks. P3CSIM200 terminal can provide:

1. Transferring GPS data, which include: longitude and latitude information, time, speed of vehicle and driving direction. The GPS data collection interval can be preset between 10 seconds and 60 minutes.
2. At the same time of transferring GPS data, the terminal can report to the servers of the signal strength of the GPRS networks according to the preset interval. So service providers can know if the on-vehicle GPRS antenna is installed properly and working properly.
3. At the same time of transferring GPS data, the terminal can report the working temperature of its self to the service providers according to the preset interval, so service providers can know if the terminal is installed in a right location.
4. The terminal can estimate if there are any data drifting, and thus can delete most of the drifting data.
5. There is a 1m internal memory for the terminal, so all the data can be saved when there is a communication problem, when everything is back to normal, the data can be transfer to the servers.
6. The backup battery can let the terminal work for 24 hours. When the external power is cut off, the terminal can send power off alarm signals to the servers.
7. The terminal has 4 input circuits. According to the requirement of customers, service providers can transfer data, which include: if the vehicle engine is turned on or turned off, the doors are opened or closed, if the seatbelts are used, or in the case of a direct link with vehicle's alarm system, if there is a activation of the alarm system, to the servers according to preset intervals.
8. Through 4 input circuits, the servers can command the terminal to cut off the vehicle's electrical power supply, the fuel line, or activate the alarms, according to the customer's demand, all above mentioned actions can be taken at the same time or one from each other.

Warning

FCC regulations state that:

1. The Grantee of a license has the responsibility of assuring that all equipment operated under that license conforms to the specifications of the license.
2. The RF power output of a radio transmitter shall be no more than that required for satisfactory technical operation considering the area to be covered and local conditions.
3. The frequency, deviation, and power of a radio transmitter must be maintained within specified limits. It is recommended, therefore, that these three parameters be checked before the station is placed in service.

REMEMBER

The efficiency of the equipment depends upon a good installation. Manufacturer recommends that adjustments to this equipment be made **ONLY** by a certified technician.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The equipment accessories are approved by FCC and only accessories from Manufacturer are qualified for this equipment applications. Detail information see FCC part 15.27.

IMPORTANT

(a) Only shielded cables, antennas, and special connectors from Manufacturer can be used in this system. Information detailing any alternative method used to supply the special accessories shall be must be approved by FCC and included in the application for a grant of equipment authorization or retained in the verification records, as appropriate. The party responsible for the equipment shall ensure that these special accessories are provided with the equipment. The instruction manual for such devices shall include appropriate instructions on the first page of the text concerned with the installation of the device that these special accessories must be used with the device. It is the responsibility of the user to use the needed special accessories supplied with the equipment.

(b) If a device requiring special accessories is installed by or under the supervision of the party marketing the device, it is the responsibility of that party to install the equipment using the special accessories. For equipment requiring professional installation, it is not necessary for the responsible party to market the special accessories with the equipment. However, the need to use the special accessories must be detailed in the instruction manual, and it is the responsibility of the installer to provide and to install the required accessories.

(c) Accessory items that can be readily obtained from multiple retail outlets are not considered to be special accessories and are not required to be marketed with the equipment. The manual included with the equipment must specify what additional components or accessories are required to be used in order to ensure compliance with this part, and it is the responsibility of the user to provide and use those components and accessories.

(d) The resulting system, including any accessories or components marketed with the equipment, must comply with the regulations.

IMPORTANT INFORMATION

(FCC Part 15.105)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.