



RITI Technology Inc.

SLS-007CF SLS-007SF



GPS
GPRS



GSM / GPS Vehicle Tracking Units (GPRS - SMS)

007CF is a professional version and 007SF is a compact one for vehicles, trucks fleet management, remote monitoring or control. For enhanced ITS applications, it with feasibility of mix GPS, mobile comm., meter, sensors together as a new digital tachograph device.

Both of CF & SF send the collected information back to a server located at headquarters, which can then store the received data or put the info. online for intra-company or customer use. These units life operated under the biggest fleet service platform in Taiwan for years. Reliability, system programming tools and many features on CF & SF bring great advantages on today's mobile service business.

Features

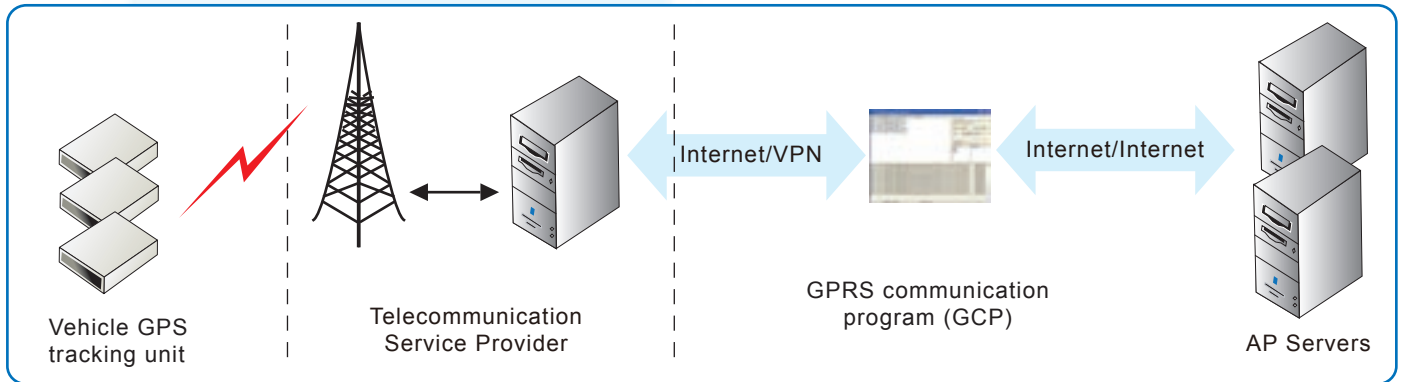
- **State of the art 3rd generation GPS technology**
CF & SF takes the lead in positioning technology, using SiRF III or latest chip. Fully presents the extra value from NMEA standard.
- **Solidly built**
Toughest industrial spec. on plastic housing (CF), aluminum case (SF).
Dissipating heat well, small in size, shake-resistance, unobtrusive.
- **Digital Temperature sensor and many else**
Accept hook 4 sensors on one wire with separate ID. Free connect vibration, magnetic, air pressure, on/off switch sensors-- for status collection, trigger or remote control.
- **Image transmission; transparency of data**
CF version accepts still images got from AV, D8, DVR and store, forward pictures back to centre. Transparency of data transmission on 232 port ensure the connectivity with most serial devices.
- **Rechargeable Li-on battery and vibration sensor (option; for SF only)**
For anti-theft, avoid towing concern, SF with option function of insert a rechargeable battery (batt. life up to 4 days) and vibration sensor.
- **System programming tools**
GCP communication program (server-end), parameter setting program, client function test program & comm. protocol available to support system integrator set up service platform shortly.
- **No loss data due to communication interruption**
CF & SF can store up to 8000 GPS data in the flash memory. When the channel link again, these stored data will resent automatically.



SLS-007CF SLS-007SF

GSM / GPS Vehicle Tracking Units

● SLS-007CF & 007SF are designed to work with GPRS / SMS Communications Server.



Specification

	SLS-007CF	SLS-007SF
Dimensions	150 x 100 x 30 mm	85 x 70 x 25 mm
Input voltage	10 ~ 35 VDC	
Input current	Peak value 2.1A std. by < 250mA	
Environment	Temperature -10°C ~ 80°C	
Data Communication	On board GSM module; Quad 850/ 900/1800/ 1900 Mhz, GPRS/SMS/USSD;	
GPS	SiRF III or compete performance: 20 chs.; Accuracy: 10meter, 2D RMS; 5 meters 2D RMS WAAS; <5 meters, DGPS corrected; NEMA 0183; Reacquisition: 0.1 sec., Velocity: Hot start: 1 sec., Warm start: 38 sec.; Cold start: 42 sec. average ;	
I/O ports	24 pins for D/Ix3 D/Ox3, Temp.(I2C), UART, GPS, ACC, ---etc., (see manual)	20 pins for 3V, GPS, ADOx2, Hook, output x 5, input x 5, EMG, GND, VIN (see manual)
Serial port	232x1 ; UARTx2	232 x 1
Memory	Data buffer: 32K bytes; Flash: 1Mb(4M./ 8M. option on CF); Int. storage: 4K EEPROM	
Standard	GPS, GSM antenna, power cord included	
Accessories (not included)	Back up power/ battery pack; scanner, RFID reader, LED display panel, panic button, car alarm kit/ remote control, Home/ firm security kit, dispatch terminal, temperature sensor, vibration sensor, Industrial relay control module, ---etc., upon request	



GSM Ant.



GPS Ant.



Keypad-for CF



Bar code scanner



Temperature sensor



Panic button



Car alarm- remote control kit



Dispatch terminal



LED Display panel (character or graphic)



Home/ Firm security kit