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**DGS-200**
GSM/GPS Experimental Set



**Descripción**
DGS-200 covers two topics in modern communication GPS technology and GSM / GPRS technology.
In GPS module, the GPS receiver decodes the NMEA data strings from the satellites and output to software interface for the discussion of current position, speed, direction, time, etc.
In GSM / GPRS module, the usage of AT commands is introduced. Students can use software interface to send AT command to control GSM/GPRS module, send SMS message and make a phone call through headset interface, or access to the Internet.
When integrating both GPS and GSM / GPRS modules, the latitude and longitude data received by GPS module, this reference data will be sent to internet by GPRS service and reported in Google Map Website.

**Otra Información**
It's a powerful platform for experimenting wireless communication when training and integrating GSM/GPRS with GPS modules, FAX Class1, TCP/IP, NMEA0183, 3GPP TS 27.005 and 3GPP TS 27.007 protocols to be one set.

**Listado de Experimentos**
-Exp1-1: GPS module baud rate setting.
-Exp1-2: GPS module update rate control.
-Exp2-1: DGS-200 dials cell phone by AT command.
-Exp2-2: DGS-200 answers cell phone by AT command.
-Exp2-3: DGS-200 sends message to cell phone by AT command.
-Exp2-4: DGS-200 receives cell phone message by AT command.
-Exp2-5: DGS-200 checks signal quality by AT command.
-Exp2-6: DGS-200 connects to internet.
-Exp  3: Micro-controller experiment.
-Exp  4: DGS-200 application experiment.