

6.2 Quick guide: How to send your data by GSM65 to the Controlord Internet server

Direct your Internet browser to the URL.

www.controlord.fr/db24/registration.html

Enter your mail address, login, specify a home directory name, and register.

With Gigalog S:

Create a data log file log1.adc and log some data for at least some minutes. The example takes about 2 minutes. Verify the file	an=log1.adc; ad=10s; go; wt 100s ; stop ls log1.adc 373 20apr13 10:51:20
Get a SIM card with GPRS data rights for FTP. Remove the PIN code with a telephone. Put the card into the GSM65. Plug the GSM65 on the Gigalog S. Connect the GSM and the GPS antennas.	
Configure the serial port.	rs1=i,115200
Get the APN information from your provider, and initialise the modem.	mminit <apn name>,<apn user>,<apn passwd>
Start the modem server Start the GPS server	mm=1 gp=51
Wait some seconds, and verify, that the modem works correctly. The third line must not indicate an error.	mm sim: ready, antenna: 12,0, network: 0,1, apn: oran.fr IP: 0.0.0.0, port: 1028, mdm: Telit, GL865-DUAL IP: to get IP, 'gfopen -v'
If there is any error in the third line, verify the SIM card, antenna, the APN information.	
Enter the information for the controlord ftp server, login, and password. Replace MYDIR by the home directory from your registration above.	gf=ftp.controlord.fr,db24,db24,web/MYDIR
Verify, that you have a GPS information If not, wait two minutes. Stick the antenna to a window.	gps gps=4310.3038,N,00602.1816,E 2013:04:20
Open a GPRS context, and send the IP number and GPS information to the server. Do not only wait for the ok reply. Wait also until the command is completed. This may take up to 60 seconds.	gfop -v log1.txt ok op log1.txt ok
If the command does not finish correctly, set mm=2 , to have a detailed log. Redo the command. Display modem.log (up modem.log). The most common error: You do not have data rights for FTP on your SIM card.	
Send the data file log1.adc. Wait until the command is completed	gfput -v log1.adc ok put log1.adc ok

Now direct your Internet browser to the URL

www.controlord.fr/db24

Enter your login and your password from the registration, and login

Select log1, to display your data.

What next ?

Put the gfop, and gfput into a macro and send new data regularly, e.g.

macro each hour: **gfop log1.txt ; gfput -cdt log1.adc**

Get the source code of the server, and create your own server.