

Programming Cypress Chameleon CDMA modem to work with the DataNet System
(Version 2)

- 1) AT^MODEMID=xxx (enter a text string up to 11 chars long, which will be used to identify this modem by the DataGate server)
- 2) AT^GPSREMIP=0,xxx.xxx.xxx.xxx (IP address of DataGate server)
- 3) AT^GPSREMPORT=0,9000 (port to send GPS reports to)
- 4) AT^GPSDELMES=0,0 (delete any existing GPS settings)
- 5) AT^GPSADDMES=0,112 (configure GPS packet type)
- 6) AT^GPSCOND=0,x,2,y,2,0,0,0,0,0 (send GPS every x seconds or y metres)
- 7) AT^GPSREP=0,0,4 (enable sending of GPS packets)
- 8) AT^SNF=0,1,120 (store and forward packets when out of coverage)
- 9) AT^MODE=1
- 10) AT^RMTCFG=1 (enable remote config, to allow polling)
- 11) AT^MODE=2
- 12) AT^INSETUP=n,d,x.x,p,a (setup inputs) where n=input number (1 to 6), d=input type (A=analog, D=digital), x.x=voltage threshold (0.0 for digital), p=polarity (P=positive, N=negative), a=state (0=alarm off, 1=alarm on, 2=alarm on change state)
- 13) AT^IOREMIP=0,xxx.xxx.xxx.xxx (IP address of DataGate server)
- 14) AT^IOREMPORT=0,9000 (port to send IO reports to)
- 15) AT^IODELMES=0,0 (delete any existing IO settings)
- 16) AT^IOADDMES=0,112 (configure IO packet type)
- 17) AT^IOCOND=0,0,0,n,1,0,0,x (send reports every x seconds max when input n is in alarm state)
- 18) AT^IOREP=0,0,4 (enable sending of IO packets)
- 19) AT&W (save settings)