

SEND COMMANDS via SMS MESSAGE

Set up the modem per the "Getting Started" document, including programming of the APN in section 6.11, using AT\$CGDCONT command.

Send the following commands to the modem over the serial or USB port

AT+CNUM (show modem's SMS phone number)
AT\$BRIDGECREATE=X,Y,Z,D (bridge to connect endpoints Y & Z)
AT\$ENDPOINT=Y,S (SMS endpoint)
AT\$ENDPOINT=Z,P (AT parser endpoint)

Key

X - Bridge ID Number (1-10)
Y - Endpoint ID Number (1-49)
Z - Endpoint ID Number (1-49, different than Y)
D - Direction (2 = Bi-directional)
S - Endpoint Protocol for SMS (4)
P - Endpoint Protocol for AT Parser (18)
E - End Message with CR (1)

Example

AT\$BRIDGECREATE=1,1,2,2 (bridge to connect endpoints 1 & 2)
AT\$ENDPOINT=1,4 (SMS endpoint)
AT\$ENDPOINT=2,18 (AT parser endpoint)

Using a cellular phone

Send the following SMS message to the phone number shown in AT+CNUM.

AT\$ENDPOINT=3,1,2025,"8.8.8.8" (dummy endpoint 3)
AT\$ENDPOINT=4,1,2026,"8.8.8.8" (dummy endpoint 4)

A short time later, your phone should receive an SMS from the modem.

Check the success by issuing:

AT\$ENDPOINT? (should see all 4 endpoints)

Removing this configuration from the modem

Issue "+++" to return to the AT command parser if sending commands via the serial port (not needed if using the USB port).

Send the following commands:

AT\$BRIDGECREATE=1	(delete Bridge 1)
AT\$ENDPOINT=1	(delete Endpoint 1)
AT\$ENDPOINT=2	(delete Endpoint 2)