M65 AT Komut seti

\*\*\*\* GPRS Initial Komutları \*\*\*\*

1. AT\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

1. ATE0\r\n

**Response:** \r\nOK\r\n

1. ATI\r\n

**Response:** \r\nQuectel\_Ltd\r\nQuectel\_M65\r\nRevision: M65MAR01A21\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

Model ile ilgili bilgi veren komut

1. AT+CGATT=1\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n ve \r\n+CME ERROR: 58\r\n

Attach(1) and detach(0) from GPRS service

1. AT+CGDCONT=3,”IP”,”internet”\r\n

**Response:** \r\nOK\r\n

**ERROR**: \r\n+CME ERROR: 53 \r\n

PDP context identifier

1. AT+CGACT=1,1\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\n+CME ERROR: <err>\r\n

Active or deactive PDP context, <state> kısmı 1 active, <cid> PDP context definition

**NOT:** AT+CGACT=0,1

Response: \r\nNO CARRIER\r\n

AT+CGDCONT=?

**Response:** \r\n+CGDCONT: (1-3),"IP",,,(0),(0)\r\n

1. AT+CGPADDR=1\r\n

**Response:** \r\n+CGPADDR:1,”10.83.147.242”\r\n\r\nOK\r\n

**NOT:** Eğer AT+CGACT=0,1 Response: NO CARRIER ise

**Response:** \r\n+CGPADDR:1,”0.0.0.0”\r\n\r\nOK\r\n

Show PDP address

Tekrar aktif edince +CGPADDR: 1,"10.97.135.15"

**ERROR:** \r\n+CME ERROR: 49\r\n

1. AT+CGREG=1\r\n

**Response:** \r\nOK\r\n

0: Disable network registration unsolicited result code

1. AT+CGREG?\r\n

**Response:** \r\n+CGREG: 1,1\r\n\r\nOK\r\n

\*\*\*\*\*\* Diğer GPRS Komutları \*\*\*\*\*\*

1. AT+CGQREQ

Quality of service profile

+CGQREQ: 1,3,1,3,6,31

+CGQREQ: 2,0,0,3,0,0

+CGQREQ: 3,3,4,3,4,16

OK

gibi çıkışlar veriyor.(ilk parametre AT+CGDCONT komutunun çıkışı)

1. AT+CGEREP?\r\n

AT+CGREP=<mode>

mode: 0 Buffer URC in the MT . If MT result code buffer is full, the oldest ones can be discarded. No codes are forwarded to the TE.

\*\*\*\* Send SMS Komutları \*\*\*\*

1. AT\r\n

**Response:** \r\nOK\r\n

1. ATI\r\n

**Response:** \r\nQuectel\_Ltd\r\nQuectel\_M65\r\nRevision: M65MAR01A21\r\n\r\nOK\r\n

1. AT+CMGF=1\r\n

**Response:** \r\nOK\r\n

1. AT+CSCS=”GSM”\r\n

**Response:** \r\nOK\r\n

1. AT+CMGS=”+905370101255”

**Response:** \r\n>

mesaj yazma yeri

CTRL+Z ile yolla

**Response:** \r\n+CMGS: 4\r\n\r\nOK\r\n

\*\*\*\* Send and Receive SMS \*\*\*\*

1. AT\r\n

Response: \r\nOK\r\n

1. ATI\r\n

Response: \r\nQuectel\_Ltd\r\nQuectel\_M65\r\nRevision: M65MAR01A21\r\n\r\nOK\r\n

1. AT+CMGF=1\r\n

Response: \r\nOK\r\n

1. AT+CSCS=”GSM”\r\n

Repsonse: \r\nOK\r\n

1. AT+CMGS=”+905370101255”\r\n

Response: \r\n>

CTRL+Z ile yolla

\r\n+CMGS: 5\r\n\r\nOK\r\n

1. AT+CNMI=2,2,0,0,0\r\n veya AT+CNMI=2,2\r\n

Response: \r\n+CMT: "+905370101255",,"2023/07/11 14:34:13+12"\r\n

mesajımız

**\*\*\*\* FTP server Komutları \*\*\*\***

1. AT\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

1. ATE0\r\n

**Response:** \r\nOK\r\n

1. ATI\r\n

**Response:** \r\nQuectel\_Ltd\r\nQuectel\_M65\r\nRevision: M65MAR01A21\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

Model ile ilgili bilgi veren komut

1. AT+CGATT=1\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n ve \r\n+CME ERROR: 58\r\n

Attach(1) and detach(0) from GPRS service

1. AT+CGDCONT=3,”IP”,”internet”\r\n

**Response:** \r\nOK\r\n

**ERROR**: \r\n+CME ERROR: 53 \r\n

PDP context identifier

1. AT+CGACT=1,1\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\n+CME ERROR: <err>\r\n

Active or deactive PDP context, <state> kısmı 1 active, <cid> PDP context definition

**NOT:** AT+CGACT=0,1

Response: \r\nNO CARRIER\r\n

AT+CGDCONT=?

**Response:** \r\n+CGDCONT: (1-3),"IP",,,(0),(0)\r\n

1. AT+QFTPUSER=”larryftp”

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n

1. AT+QFTPPASS=”gesk2017”

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n

1. AT+QFTPOPEN=”159.65.112.154”,21

**Response:** \r\nOK\r\n+QFTPOPEN:0\r\n

**ERROR:** \r\nERROR\r\n veya \r\n+QFTPOPEN:<err>\r\n

NOT: Bazen user ve pass komutlarını erken girmek ve ardından open komutunu girmek gerkiyor.

1. AT+QFTPGET= "///ErenGsmTest/sscom.ini"

DOWNLOAD YAPILMALI

M66 da sadece dosya ismini verdim

1. AT+QFTPCFG=4,"/UFS/”

**Response:** \r\nOK\r\n +QFTPCFG:0\r\n

1. AT+QFTPPATH="/"

**Response:** \r\nOK\r\n+QFTPPATH: 0\r\n

1. AT+QFTPGET="sscom.ini"

**Response:** \r\nOK\r\n+QFTPGET: 0\r\n

**\*\*\*\* Dosya Sistemleri Komutları \*\*\*\***

1. AT\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

1. ATE0\r\n

**Response:** \r\nOK\r\n

1. ATI\r\n

**Response:** \r\nQuectel\_Ltd\r\nQuectel\_M65\r\nRevision: M65MAR01A21\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

Model ile ilgili bilgi veren komut

1. AT+QFLDS="UFS"

**Response**: \r\n+QFLDS: 445000,503500\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: <err>\r\n

1. AT+QFLST

**Response:** Dosyaları listeler. Örnek: +QFLST: "ufs.txt",20

En sonda OK döner.

**ERROR:** \r\n+CME ERROR: <err>\r\n

1. AT+QFOPEN="ufs.txt"

**Response:** \r\n+QOPEN: <filehandle>\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: <err>\r\n

1. AT+QFWRITE=1027,10,10

**Response:** \r\n+QFWRITE: <written\_length>,<total\_length>\r\nOK\r\n

Örnek: +QFWRITE: 20,20

**ERROR:** \r\n+CME ERROR: <err>\r\n

1. AT+QFSEEK=1027,15

**Response:** \r\nOK\r\n

**ERROR:** \r\n+CME ERROR: <err>\r\n

1. AT+QFREAD=1027,10

**Response:** \r\nCONNECT <read\_length>\r\n”mesajlar”\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: <err>\r\n

1. AT+QFCLOSE=1027

**Response:** \r\nOK\r\n

**ERROR:** \r\n+CME ERROR: <err>\r\n

**\*\*\*\* TCP/IP Initial Komutları \*\*\*\***

1. AT\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\n+CME ERROR: <err>\r\n

1. ATE0\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n

1. ATI\r\n

**Response:** \r\nQuectel\_Ltd\r\nQuectel\_M65\r\nRevision: M65MAR01A21\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

Model ile ilgili bilgi veren komut

1. AT+CGATT=1\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n ve \r\n+CME ERROR: 58\r\n

Attach(1) and detach(0) from GPRS service

1. AT+CGDCONT=3,”IP”,”internet”\r\n

**Response:** \r\nOK\r\n

**ERROR**: \r\n+CME ERROR: 53 \r\n

PDP context identifier

1. AT+CGACT=1,1\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\n+CME ERROR: <err>\r\n

Active or deactive PDP context, <state> kısmı 1 active, <cid> PDP context definition

**NOT:** AT+CGACT=0,1

Response: \r\nNO CARRIER\r\n

AT+CGDCONT=?

**Response:** \r\n+CGDCONT: (1-3),"IP",,,(0),(0)\r\n

1. AT+CGPADDR=1\r\n

**Response:** \r\n+CGPADDR:1,”10.83.147.242”\r\n\r\nOK\r\n

**NOT:** Eğer AT+CGACT=0,1 Response: NO CARRIER ise

**Response:** \r\n+CGPADDR:1,”0.0.0.0”\r\n\r\nOK\r\n

Show PDP address

Tekrar aktif edince +CGPADDR: 1,"10.97.135.15"

**ERROR:** \r\n+CME ERROR: <err>\r\n

1. AT+CGREG=1\r\n

**Response:** \r\nOK\r\n

0: Disable network registration unsolicited result code

1. AT+QIOPEN=”TCP”,”95.70.201.96”,44945\r\n

**Response:** \r\nOK\r\nCONNECT OK\r\n

Bağlanma sorunu yaşarsak: ERROR, ALREADY CONNECT, CONNECT FAIL

1. AT+IPR=115200&W\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\n+CME ERROR:<err>\r\n

1. AT+CPIN?\r\n

**Response:** \r\n+CPIN: READY\r\nOK\r\n

**ERROR:** \r\n+CME ERROR:<err>\r\n

1. AT+CREG?\r\n

**Response:** \r\n+CREG: 0,1\r\nOK\r\n

**ERROR:** \r\n+CME ERROR:<err>\r\n

1. AT+CGATT?\r\n

**Response:** \r\n+CGATT: 1\r\nOK\r\n

**ERROR:** \r\n+CME ERROR:<err>\r\n

1. AT+QIFGCNT=0\r\n

**Response:** \r\nERROR\r\n

**ERROR:** \r\nOK\r\n

1. AT+QINDI=1\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n

1. AT+QIHEAD=1\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n

1. AT+QISHOWRA=1\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n

1. AT+QISHOWPT=1\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n

1. AT+QIMODE?\r\n

**Response:** \r\nOK\r\n

**ERROR:** \r\nERROR\r\n

1. AT+QISEND\r\n

**Response**: \r\n>\r\n ve \r\nSEND OK\r\n

**ERROR:** \r\nERROR\r\n

1. AT+QISACK

**Response:** \r\n+QISACK:<sent>,<acked>,<nacked>\r\nOK\r\n

ERROR:

1. AT+QIRD=0,1,0,1500

Buraya data yazdığımda bir şeyler okurum.

**Response:** \r\n+QIRD: 95.70.201.96, 44945,TCP,8\r\nString\r\nOK\r\n

**ERROR:** \r\nERROR\r\n

1. AT+QICLOSE

**Response:** \r\nCLOSE OK\r\n

**ERROR:** \r\n+CME ERROR:<err>\r\n

1. AT+QIDEACT

**Response:** \r\nDEACT OK\r\n

**ERROR:** \r\n+CME ERROR:<err>\r\n

\*\*\*\* diğer komutlar \*\*\*\*

ate: echo mod kontrol

\r\nOK\r\n

\r\n+CME ERROR: Operation not allowed\r\n

\r\n+CME ERROR: invalid command line\r\n

\*\*\*\* Diğer General Komutları \*\*\*\*

1. AT+GMI

**Response:** \r\nQuectel\_Ltd\r\nQuectel\_M65\r\nRevision: M65MAR01A21\r\n\r\nOK\r\n

**ERROR**: \r\n+CME ERROR: invalid command line\r\n

Model ile ilgili bilgi veren komut

1. AT+GMM

**Response:** \r\nQuectel\_M65\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

Model ile ilgili bilgi veren komut

1. AT+GMR

**Response:** \r\nRevision: M65MAR01A21\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

Revizyon ile ilgili bilgi veren komut

1. AT+GOI

**Response:** \r\nM65\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

Model no ile ilgili bilgi veren komut

1. AT+ CGMI

**Response:** \r\nQuectel\_Ltd\r\nQuectel\_M65\r\nRevision: M65MAR01A21\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

Model ile ilgili bilgi veren komut

1. AT+CGMM

**Response:** \r\nQuectel\_M65\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

Model ile ilgili bilgi veren komut

1. AT+CGMR

**Response:** \r\nRevision: M65MAR01A21\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

Model ile ilgili bilgi veren komut

1. AT+ GSN

**Response:** \r\n866496060285072\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

İnternational mobile equipment Identify

1. AT+CGSN

**Response:** \r\n866496060285072\r\n\r\nOK\r\n

**ERROR:** \r\n+CME ERROR: invalid command line\r\n

İnternational mobile equipment Identify

1. AT&F0

**Response**: AT&F0\r ve \r\nOK\r\n

**ERROR:** yazdığını yollar ve \r\n+CME ERROR: 53 \r\n

Set All Current Parameters to Manufacturer Defaults

1. AT&V0

**Response:** Geçerli AT ayarlarını gösterir. Çok uzun yazamadım.

1. AT&W0

**Response:** AT&W0\r ve \r\nOK\r\n

Geçerli parametrelerin depolanması

Daha da var ama kullanmadım.

Reset GSM Module

1. AT+CFUN=1,1

Ayarları sıfırlar

1. AT+QPOWD=0

Gücü kapatırır.