

Hardware



**Sierra
Wireless
GL6110**

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**SIM Karte mit
SMS Flatrate**

Raspberry

Software

OS



SMS Gateway



“Datenbank”



Config

- `/etc/default/kannel`
SMS Box enable
- `/etc/kannel/kannel.conf`

/etc/kannel.conf

```
#zentraler Teil aka bearerbox
group = core
wapbox-port = 13002
smsbox-port = 13003
wdp-interface-name = ""
log-file = "/var/log/kannel/bearerbox.log"
box-deny-ip = "*.*.*.*"
box-allow-ip = "127.0.0.1"
```

```
group = modems
id = wavecom
```

```
#SMS Gateway
group = smsbox
bearerbox-host = localhost
sendsms-port = 13023
sendsms-chars = "0123456789 "
global-sender = 123456
#sim-buffering = true
access-log = "/var/log/kannel/sms.access"
log-file = "/var/log/kannel/smsbox.log"
```

```
#group = wapbox
#bearerbox-host = localhost
#log-file = "/var/log/kannel/wapbox.log"
```

```
#SMS Center - über lokales GSM Modem
group = smsc
smsc = at
modemtype = wavecom
device = /dev/ttyACM0
speed = 9600
#Pin of SIM Card
pin = XXXX
```

```
#SMS Services
group = sms-service
keyword=www
#get everything after the www as URL
get-url = "http://%S"
```

```
group = sms-service
keyword=club
aliases=entropia
exec = "/usr/local/bin/clubstatus.sh"
```

```
group = sms-service
keyword=tueroeffner
white-list-regex=^(\\+4917xxxxxxxx|\\+4917xxxxxxxx|...)$
exec = "/usr/local/bin/clubtuer.sh"
```

Debug

- Screen oder minicom mit AT Commands [1]

```
AT           // Modem da? Sollte "OK" antworten
AT+CGMI      // sollte "WAVECOM MODEM" antworten
ATE1         // ECHO an, eingetippte Befehle werden sichtbar
AT+CPIN      // willst es eine PIN: "CPIN:READY" hat schon /
              // "CPIN:SIM PIN" will noch ne PIN haben
AT+CPIN=1234  // PIN eingeben
```

```
ATD "00497215604732"      // mal beim entropia anrufen
```

```
AT+CMGS "00497215604732"  // eine SMS verschicken
    das ist eine TEST SMS <Strg>+Z
```

- /var/log/kannel/*.log

[1] http://www.sierrawireless.com/resources/documents/support/2130617_supported_at_command_reference-v2.4.pdf