# Format:

Format = command [param {‘;’ param} \n

Command = ‘AT’ | ‘ATW’ | ‘ATC’ | ‘ATB’ | ‘ATA’ | ‘ATS’ | ‘ATR’

Param = any char except ; and newline. Those values have to be escaped with \. The ‘\’ itself also has to be escaped.

# Commands

## AT

Check if connection ok.

**Params:** none

**Returns:** ‘HELLO’

## ATI

Initialize

**Params:**

* deviceId: string, the id of the device.
* Clientid: string, the id of the client
* clientKey: string, the client key

**Returns:** ‘OK’

## ATW

Start wifi

**Params:**

* ssid: string, name of the router
* pwd: string, pwd for the router

**Returns:** ‘OK’

## ATC

Connect to the http server

**Params:**

* http server: string, dns name of the http api server

**Returns:** ‘OK’

## ATB

Subscribe to the broker

**Params:**

* mqtt server: string, dns name of the broker

**Returns:** ‘OK’

## ATA

Add asset

**Params:** same as call to ‘addAsset’ for regular lib

**Returns:** ‘OK’

## ATS

Send data over mqtt

**Params:** same as call to ‘Send’ for regular lib

**Returns:** ‘OK’

## ATR

Receive data

**Params:** none

**Returns:**

When no values: ‘ok’  
otherwise:

* pin nr: string
* payload: string value