

TinySMS protocol specification (TSMS)

Check status

Check connection status with GPRS shield by sending command "AT" and waiting for "OK" response.

0x31	0x04
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Success response: "OK"

Error response: "ERR:\${ERROR_MESSAGE}"

- Invalid command
- Connection timeout
- Permission denied
- Other

Send SMS

Send SMS message to defined MSISDN with provided message text.

0x32	0x00	MSISDN (15 bytes max)	0x00	MESSAGE (160 bytes max)	0x04
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Success response: "OK"

Error response: "ERR:\${ERROR_MESSAGE}"

- Invalid command
- Invalid MSISDN
- Invalid message

Read inbound messages

Read messages stored in SMS-core which are received from GPRS shield by polling and stored local database. Messages are removed from SIM card upon reading from shield.

0x33	0x00	UNREAD ONLY (1 byte, 0x31 or 0x32)	0x04
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Success response: "All messages with the following format: SOURCE|MESSAGE|DATETIME"

Error response: "ERR:\${ERROR_MESSAGE}"