

CoLa2 Terminal Instruction for SOPAS ET

SOPAS ET

1. About

This document describes how to read out the LRS4000 Diagnostic files for extended troubleshooting. The described process works for devices with firmware V1.4.0 or later.

2. Material

2.1 Software

- Terminal Program (Hercules, SOPAS ET Terminal or similar)
- [SOPAS ET](#)

2.2 Hardware

- Computer
- Ethernet Cable
- Power Supply
- LRS4000

3. Description

- I. Connect your computer to the LRS4000.
- II. Connect your Terminal program to Port 2111 of the LRS4000 to use the CoLa A protocol.
- III. Login to the device on service level using the terminal program.

```
sMN SetAccessMode 4 81BE23AA
```

- IV. Enable the diagnostic page by sending the following message.

```
sMN mSDSysDiag
```

- V. Open the Page http://<DEVICE_IP>diagnostic.sdg on your browser.
 - VI. Copy the appearing text to a .txt file.
-

```
#GeneralSysDiagInformation
Date = 1.1.1970, 00:10:42
SOPASVersion = noVersion
CiNOZXdeYXRhU2VnbWVudAojRGlhZ1Z1cnNpb24KRGV2aWNIvHlwZSA9IExSUzQ1ODFSLTIzMDAwMQpwZXJzaw9uID0gI
MDcyCk9yZGVyTnVtYmVyID0gMTA5ODg1NQpDb21tdW5pY2F0aw9uTmFtZSA9IExSUzQ1ODFSMS42LjAuMjMxMTA5MDkwl
PSAxck1lYXN1cmVtZW50U3RhdGUgPSA3ClBvd2VyT25Db3VudGVyID0gMTAKT3B1cmF0aw5nSG91cnMgPSAxMjkKT3B1
cnRBbmdsZSA9IC0xODAwMDAwClN0b3BBbmdsZSA9IDE4MDAwMDAKI05ld0RhdGFTZWdtZW50CiNDb21tdW5pY2F0aw9u:
cGFja2V0cyA9IDAKRGF0YSBwYXJzaw5nIGVycm9zID0gMApEYXRhIHNOYXR1cyBwYXJzaw5nIGVycm9yID0gMApEYXRh:
SU9Qaw5Ecm12ZXIyID0gMApJT0Z1bmN0aw9uMiA9IDAKSU9EZWJvdW5jZVRpbWUzID0gNTAwMApJT1BpbkRyaXZlcjMgI
IDAKSU9EZWJvdW5jZVRpbWU2ID0gNTAwMApJT1BpbkRyaXZlcjYgPSAwCk1PRnVuY3Rpb242ID0gMApJT0R1Ym91bmNl
CkZpcml3YXJlIHVwZGF0ZSBzdGFydGVkIGZyb20gdmVyc2lubiAxljYU4yMzA2MzAwMTQ3QSB3aXRoIG9wZXJhdGlu:
b24gMS42LjAuMjMxMTA5MDkwlMDE0UEg210aCBvcGVyYXRpbmcgaG91cnMgNzIyOyBGaXJtd2FyZSBvcGRhdGUgc3VjY2Vk:
IGHvdXJzIDMwMDg7IEZpcml3YXJlIFVwZGF0ZSBzdWlnZWRlZCEKRmlybXdhcmUgdXBkYXRlIGNvbXBsZXRlZCB0byB2:
0ZWQgZnJvbSB2ZXJzaw9uIDEuNi4wLjIzMDcxNDA3MD1BIHdpdGgg3B1cmF0aw5nIGHvdXJzIDMwMDg7IEZpcml3YXJl:
Bob3VycyA0NDsgRmlybXdhcmUgVXhkYXRlIHNIY2NlZGVkIQpGaXJtd2FyZSB1cGRhdGUgY29tcGxldGVkIHRvIHZ1cnl
XJpcC9kZWJ1Z19wZXJpcGhlcmFsL2FyYm10X3N0YXRlID0gMQpzaWNR LW11YXN1cmVtZGVyaXAvZGVidWdfcGVyaXBoZXJhb
LW11YXN1cmVtZGVyaXAvZGVidWdfcGVyaXBoZXJhbC9yZW50YXRlID0gMApzaWNR LW11YXN1cmVtZGVyaXAvZGVidWdfcGVy
lYXN1cmVtZGVyaXAvZnBnYS9mcGdhX3Z1cnNpb24gPSAxLjkuMQpzaWNR LW11YXN1cmVtZGVyaXAvZnBnYS9wb2xsdXRpb25faG1:
```

- VII. Safe the File with a name, containing serial number and firmware version of the device.
- VIII. Provide this document to your SICK support contact