

CoLa A/B Terminal activation LRS4xxx SOPAS ET

LRS4000, All versions

1. About

This document describes how to communicate with a device on CoLa B using the SOPAS ET terminal.

The commands in this document are based on the SICK [Telegram Listing](#).

2. Material

2.1 Software

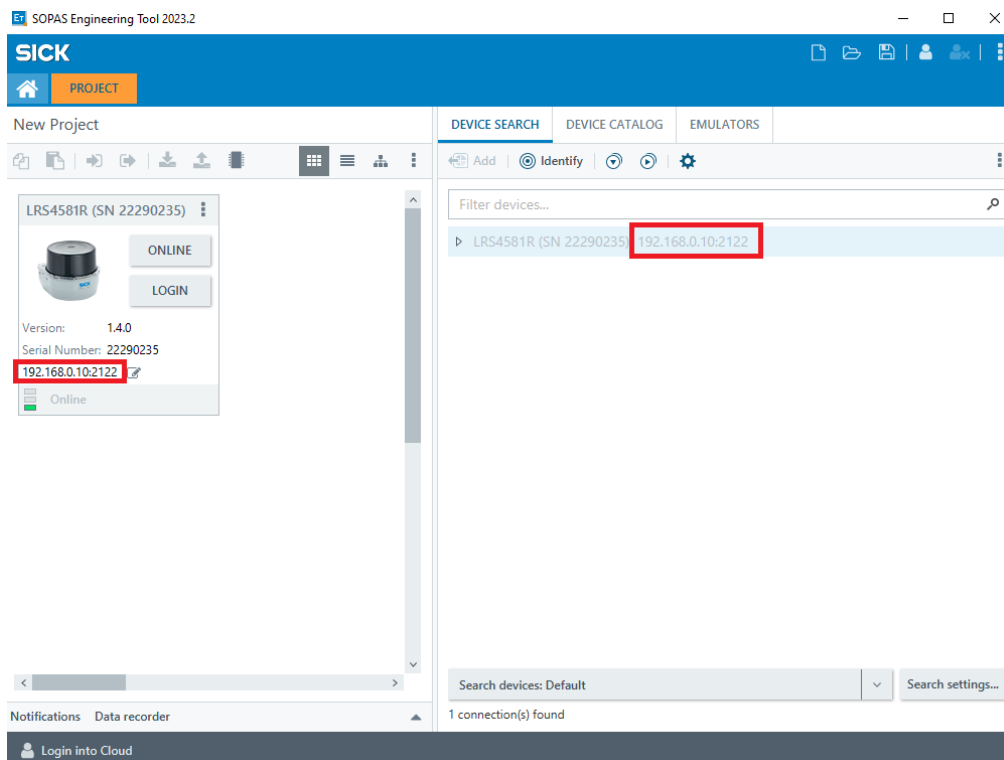
- Current [SOPAS ET](#) version

2.2 Hardware

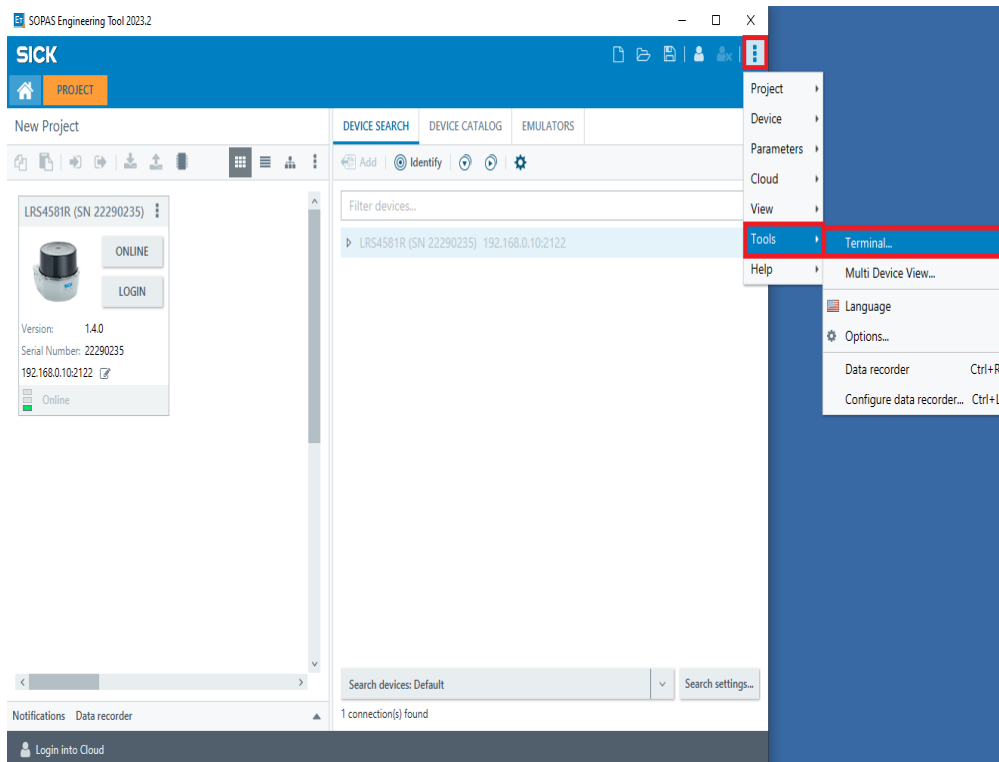
- Computer
- Ethernet Cable
- Power Supply

3. Connect CoLa B

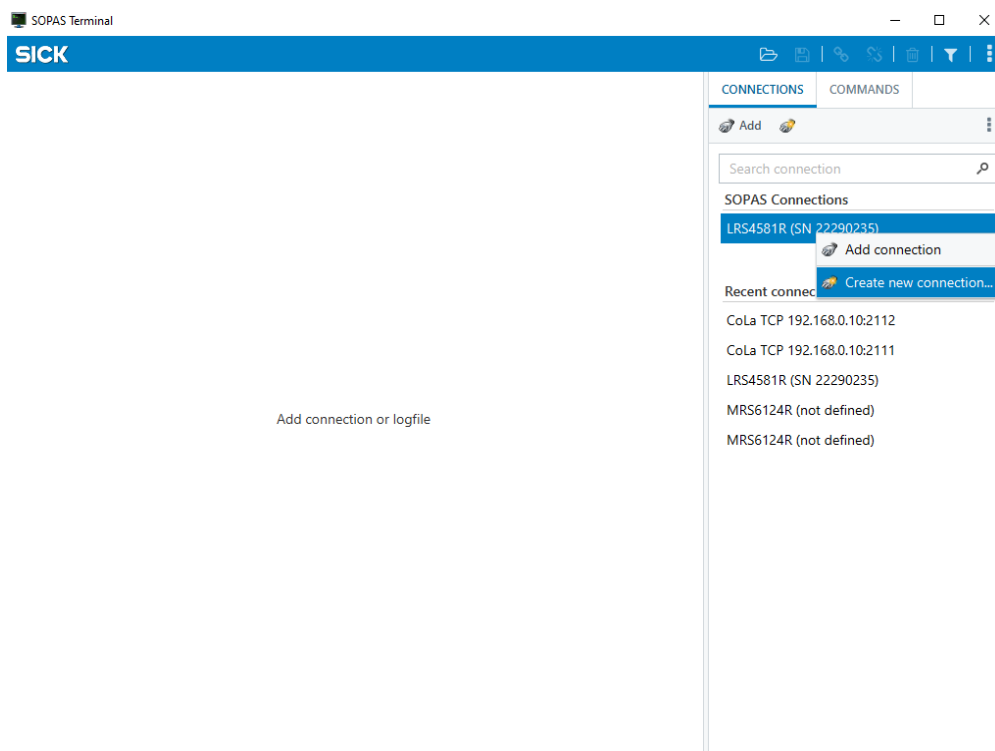
- Start SOPAS ET and perform a device search.
- Select the device you want to communicate with and select its CoLa 2 port **2122**.



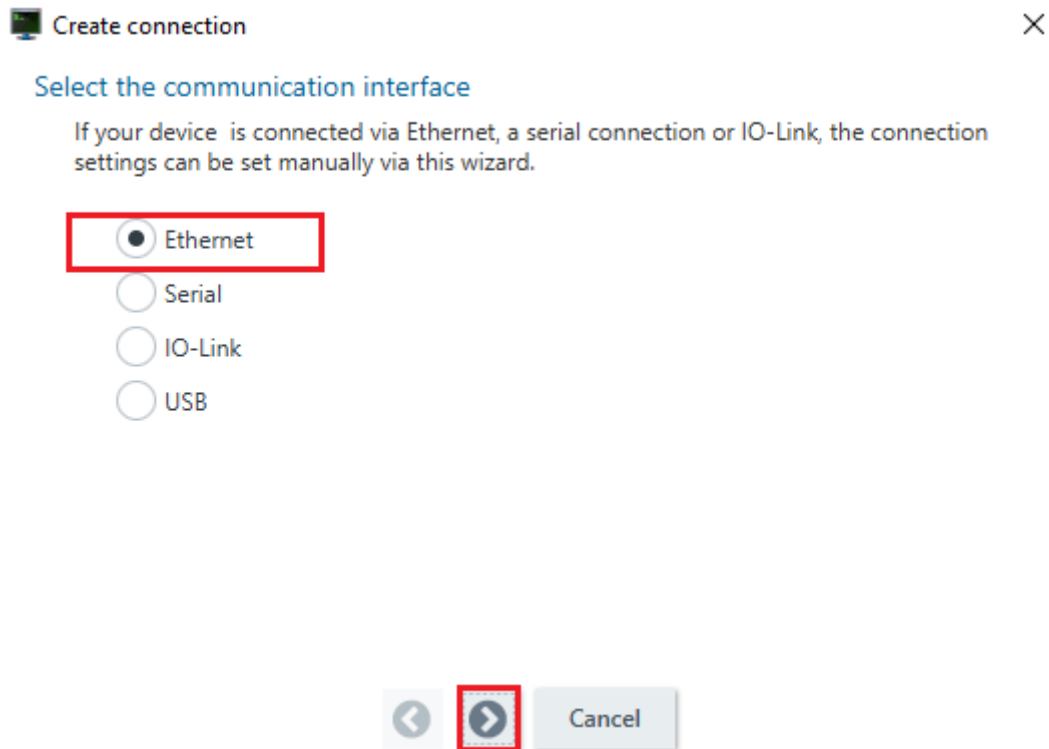
III. Open the Terminal in SOPAS ET



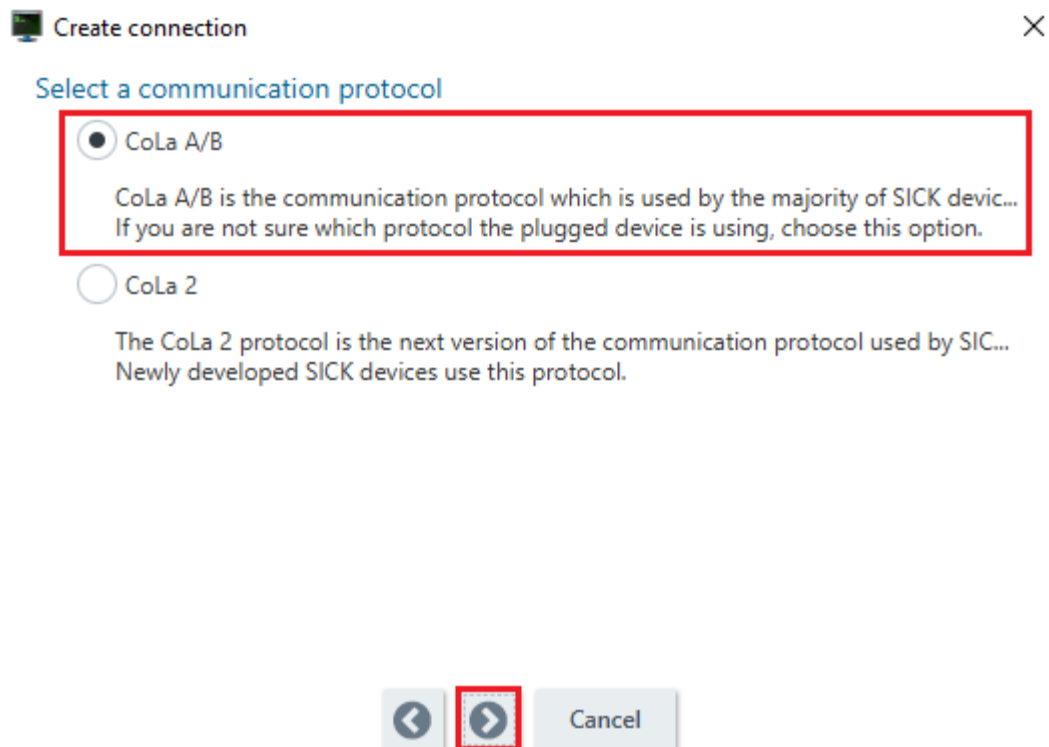
IV. A new window will open. Select the device you want to connect with and select "Create new connection..."



- V. Select "Ethernet" and press next.



- VI. Select CoLa A/B and press next.



- VII. Enter the Ip of your device and select the Port 2112 and press finish afterwards.

Create connection ×

Ethernet (TCP/IP) connection settings

IP settings

IP address: 192 . 168 . 0 . 10

Protocol

Timing

TCP port:

2111 (default TCP port)

2112 (default TCP port)

Custom TCP port

SOPAS Hub address:

{ 0 0 }

Finish

- VIII. Set "Input format" to "Hex" (1) and activate input assistance (green button next to "Hex")
- IX. Ensure that the Framing (4) is set to "CoLa Binary" (5)
- X. Enter the Messages you want to transmit in (3) and send it by pressing (2)

CoLa TCP 192.168.0.10:2111

Input format: ASCII Hex 2.

<02>...<00> <00> ▼

No.	Com	Length	Data
1			Device connected: CoLa TCP 192.168.0.10:2111

3.

4.

Filter Framing History

No framing sRN DeviceIdent

CoLa ASCII <02> sRN DeviceIdent <03>

CoLa Binary <02><02><02><02><00><00><00><00><00> **5.**

CoLa 2 <02><02><02><02><00><00><00><00>

user defined sRN deviceInfo

Connected with CoLa TCP 192.168.0.10:2111

4. Command Sequence



NOTE | The sequence is contained in “Release Notes LRS4xxx Firmware V1.4.0.36R / 13.07.2023” chapter 5.4.
