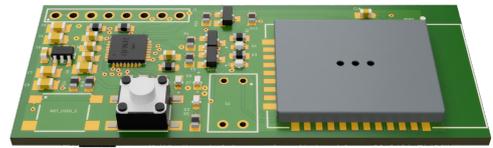LIBERDA
Antriebstechnik

Remote access module

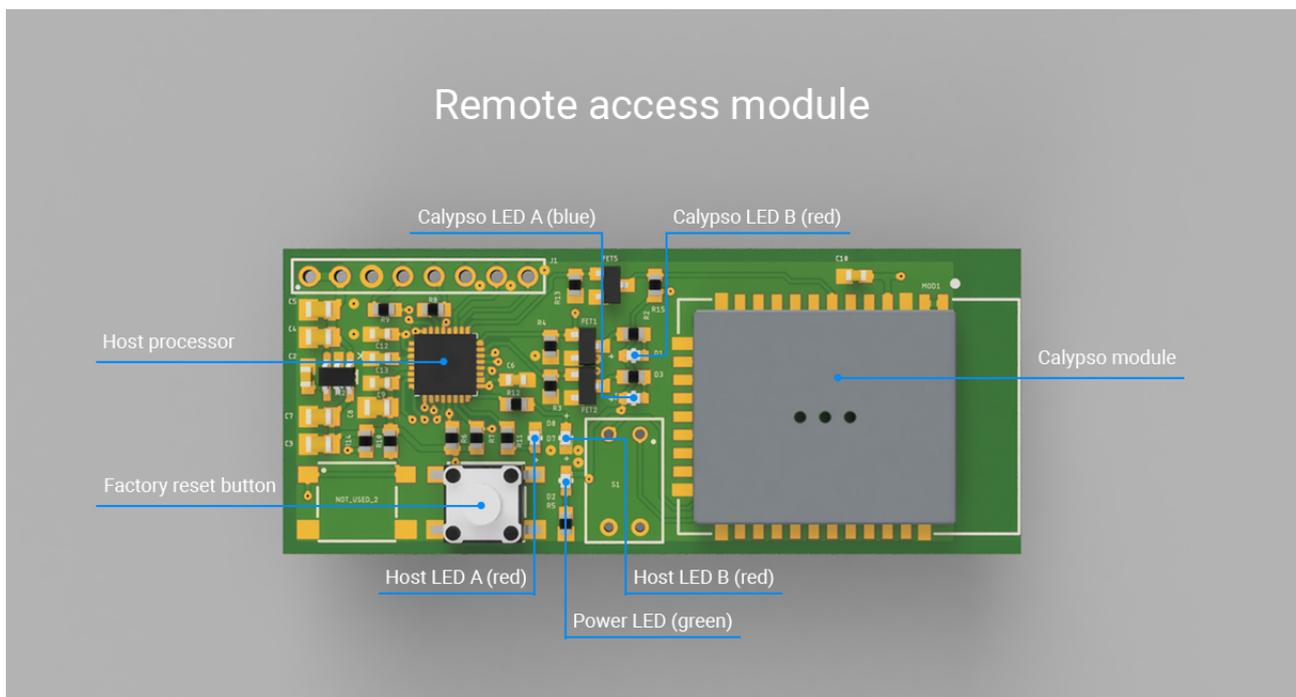Manual for remote access module

V1.0, 28.8.2024

1. Introduction

The remote access module is an additional component that connects directly or via a cable to the Liberda device, depending on the device type. It enables communication via a Wi-Fi connection, making it easier to install, manage, and maintain the devices.

2. Main parts

Calypso module: It is a compact WLAN radio module that enables wireless connections and communication.

Host processor: Supports the Calypso module to work properly.

Power LED: lights up green, the module is powered.

Calypso LED A: lights up blue when the module is connected to a Wi-Fi network or has created its own access point.

Calypso LED B: lights up red when a connection is established between the module and a phone, computer or a remote access profile.

Host LED A:

Blinks	Description
1	Access point created
2	Connected to Wi-Fi
3	Remote access agreed
4	Trying to connect to Wi-Fi
5	Calypso module communication error
6	Liberda device not responding
7	Missing device ID
8	Inactive host processor

Host LED B:

- Blinks the module program version number on startup.
- Blinks during program updates.
- Blinks for active communication between the module and a phone or computer.

Ready modes:

Calypso LED A	Host LED A	Mode
ON	1 blink	Access point created
ON	2 blinks	Connected to Wi-Fi
ON	3 blinks	Remote access agreed

Factory reset: The module forgets all previous settings and resets to its original state.

1. Hold down the factory reset button for 3 seconds.
2. Host LED A + B = The Host processor restarts
3. Calypso LED A + B = The Calypso module restarts
4. Calypso LED A + 5x Host LED A = Calypso module is busy with the programming
5. 4x Host LED A = Module is trying to connect to Wi-Fi network, but all saved networks are removed
6. Calypso LED A + 1x Host LED A = Access point created. Module in ready mode.

Normal reset: Can only be done through the LiberdApp. On reset, both Host LEDs will flash.

Connection restart: In every 10 minutes the module restarts the network connection because of a better reachability.

1. Both Calypso LEDs light up
2. Host LED A holds its previous state (1 blink or 2 blinks)
3. Calypso LED A lights up
4. The module is reachable again