First time setup of an ESP-based WiFi-module

Configuration with GHL Control Center over USB

1 In GCC navigate in the menu tree to System->Communication.

2 Enter the relevant WiFi-mode (in most cases this is Client-mode/Infrastructure).
Fill out the credentials SSID/Passphrase of the router and ip configuration.

3 Save the settings and disconnect, which triggers a restart on the WiFi-module.

Auto-Configuration with WPS (Push-Button-Method)

- falls keine gültige Konfiguration nach dem Start vorliegt

1 Activate the WPS-method on your router.

2 Plug in the GHL-device’s power cord and let it start.

3 The WPS-method tries to finish the authentication in a time window of 30 seconds.

4 When the configuration is valid, the WiFi-module restarts automatically and connects to the router.

Auto-Configuration in Access-Point-Mode

- 1:1-connection between a e.g. smartphone etc. and the WiFi-module.
- Activated after a failed WPS-method in unconfigured mode.

1 If a previously made WPS-method did not succeed, the AccessPoint-Mode will be accessible for 5 minutes.

2 The GHL-device will be visible in your WiFi-scanner and after selecting and connecting to it with the passphrase Starfish, the assigned IP address is 192.168.4.1.
Once you are connected, the connection will be held open until a restart of the GHL-device.

3 Connect to the WiFi-module and make the configuration either in GHL Control Center or using the internal Webinterface by using the IP-address 192.168.4.1

Deactivating WiFi

1 In GHL Control Center navigate to System->Communication, check the option 'WiFi Off'.

2 An unconfigured module without stored data, will be shutoff after five minutes.

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