

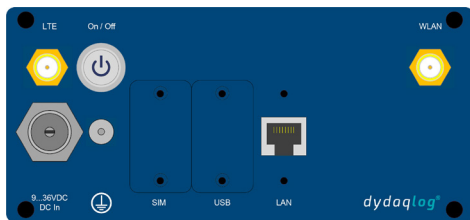
Unpacking

1. Take the *dydaqlog* data logger out of the box carefully.
2. At first check the logger for damages and completeness of accessories (power cable, external power supply, WLAN antenna).

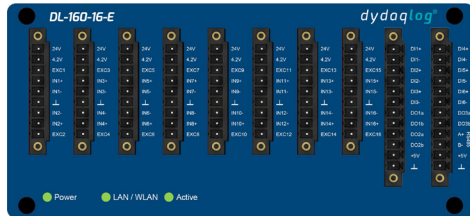


Initial Operation

1. Connect an earthing cable (minimum wire cross section 4 mm²) to the earthing point at the backside.
2. Plug the round output connector of the power supply into the DC-IN socket of the *dydaqlog* data logger.
3. Connect the power supply to the mains voltage using the power cable.
4. Depending on the desired operation mode install the WLAN antenna or connect a LAN cable at the backside of the data logger. The LAN connector is located behind a cover.



5. Switch on the power button at the backside of the data logger. The integrated LED will blink during the boot sequence for a few seconds and then glow permanently. Now the *dydaqlog* data logger is ready for use.



Network Settings

WLAN

1. You will need a PC or Notebook, a Tablet or Smartphone for set up the WLAN connection of the *dydaqlog* data logger.
2. Search within the WLAN settings of your used device for a WLAN network with the name of the serial number of your *dydaqlog* data logger (e.g. DL-12404-01).
3. Log into this WLAN using the password printed on the back of the data logger.

CHOOSE NETWORK ...

DL-12404-01		
Guest		
Other ...		

Login

1. Start the web browser and type the serial number into the address row followed by a slash (e.g. <http://DL-12404-01/>). Alternatively you can type in the IP address 192.168.4.1.
2. The login screen will appear. Log in as user *admin* using the password printed on the back of the data logger.

Operation in WLAN Client Mode

1. In main menu switch to *Administration* and *Network Settings*.
2. In WLAN window switch to *Client* mode.
3. Choose the correct WLAN and log in using the correct WLAN password.

WLAN

Mode: ☐ Hotspot ☒ Client

Activate Wifi ☒

Available networks: WLAN_XYZ

Visible ☒

Apply wifi changes

IPv4 address: 192.168.4.1

IPv4 gateway: 192.168.4.1

IPv4 subnet mask: 255.255.255.0

IPv4 nameservers: 192.168.4.1

Wifi Password

Ok

4. After pressing the button *Apply wifi changes* the *dydaqlog* data logger is rebooting. After reboot you can type the name of the device (e.g. <http://DL-12404-01/>) in the web browser and log in again as *admin*.

dydaqlog[®]
THE IIOT DATA LOGGER

First Steps

gbm mbH

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Simplified EU Declaration of Conformity

Herewith, gbm mbH declares that the *dydaqlog*[®] Data Logger complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the Internet address www.dydaqlog.de/service/download/.

Operation in WLAN Hotspot Mode

1. In main menu switch to *Administration* and *Network Settings*.
2. In WLAN window *Hotspot* is the default mode.
3. Type in a new Hotspot password.

WLAN

Mode: ☒ Hotspot ☐ Client

Activate Wifi ☒

Hotspot Name: DL-12404-01

Visible ☒

Apply wifi changes

Hotspot Password

Ok

Sometimes the *dydaqlog* data logger may not be found under the device name. In that case please search the device - like described in the right column under **LAN** - using the tool *dydaqlog-finder* in your network and continue.

LAN

1. You will need a PC or Notebook for set up the WLAN of the *dydaqlog* data logger.
2. Download the application *dydaqlog-finder* from www.dydaqlog.de under *Service/Download* and save it to your desktop.
3. Start *dydaqlog-finder*. It will search for available *dydaqlog* data loggers and list them in a new window.
4. Mark the desired data logger and open the login page using the buttons *Open by Name* or *Open by address*.

Login

1. In web browser the login screen will appear. Log in as user *admin* using the default password *admin*.

Operation in LAN Mode

1. In main menu switch to *Administration* and *Network Settings*.
2. In LAN window *DHCP* is the default and recommended mode.
3. After Un-checking *DHCP* you will be able to change the network parameters manually.

LAN

DHCP ☒

IPv4 address: 192.168.1.60

IPv4 gateway: 192.168.1.1

IPv4 subnet mask: 255.255.255.0

IPv4 nameservers: 192.168.1.164, 192.168.1.165

User Settings

1. In main menu switch to *Administration* and *User Management*.
2. Type in new passwords for users *admin*, *config*, *control* and *data*.

Configure a data acquisition application

1. In main menu switch to *Users* and log in as user *config*.
2. Now you can use the functions for setting up and handle your data acquisition application.
3. You will find the configuration guide and examples in main menu under *Help*.