Unpacking (A)

1. Take the *dydaqmeas* data acquisition system 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 (B)

1. Connect an earthing cable (minimum wire cross section 4 mm^2) to the earthing point at the backside.
2. Plug the round output connector of the power supply into the DC-IN socket of the *dydaqmeas* data acquisition system.
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.

WLAN antenna
power switch
DC IN   Earthing   LAN

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

Network Settings (C)

WLAN

1. You will need a PC or Notebook, a Tablet or Smartphone for set up the WLAN connection of the *dydaqmeas* data acquisition system.
2. Search within the WLAN settings of your used device for a WLAN network with the name of the serial number of your *dydaqmeas* data acquisition system (e.g. DM-14505-01).
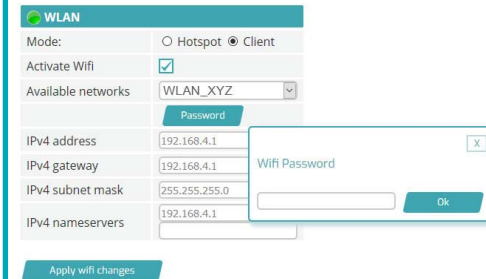3. Log into this WLAN using the password *dydaqlog*.

CHOOSE NETWORK ...

DM-14505-01   🔒 📶 ⓘ
Guest   🔒 📶 ⓘ
Other ...
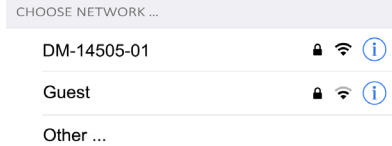
Login

1. Start the web browser and type the serial number into the adress row followed by a slash (e.g. http://DM-14505-01/). Alternatively you can type in the IP adress 192.168.4.1.
2. The login screen will appear. Log in as user *admin* using the default password *admin*.

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	
	Password	
IPv4 address	192.168.4.1	Wifi Password [X]
IPv4 gateway	192.168.4.1	
IPv4 subnet mask	255.255.255.0	[ ] Ok
IPv4 nameservers	192.168.4.1	

Apply wifi changes

4. After pressing the button *Apply wifi changes* the *dydaqmeas* data acquisition system is rebooting. After reboot you can type the name of the device (e.g. http://DM-14505-01/) in the webbrowser and log in again as *admin*.

dydaqmeas®
SMART DATA ACQUISITION

First Steps

Simplified EU Declaration of Conformity

Herewith, gbm mbH declares that the *dydaqmeas®* Data Acquisition System 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:	DM-14505-01	
	Passwort	
Visible	☑	Hotspot Password [X]
Apply wifi changes		[ ] Ok
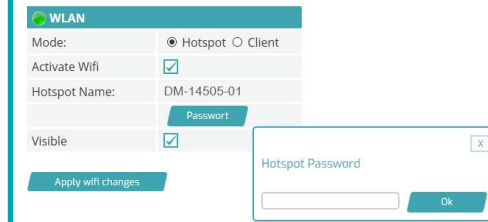
Sometimes the *dydaqmeas* data acquisition system may not be found under the device name. In that case please search the device - like described in the right column under **LAN** - using the tool *dydaqlog-finder* in your network and continue.
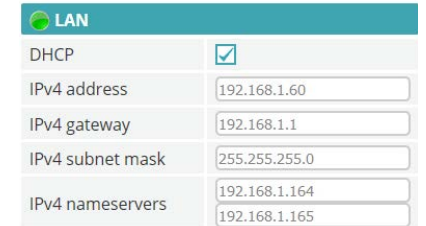
LAN

1. You will need a PC or Notebook for set up the WLAN of the *dydaqmeas* data acquisition system.
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 *dydaqmeas* data acquisition systems 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*.