

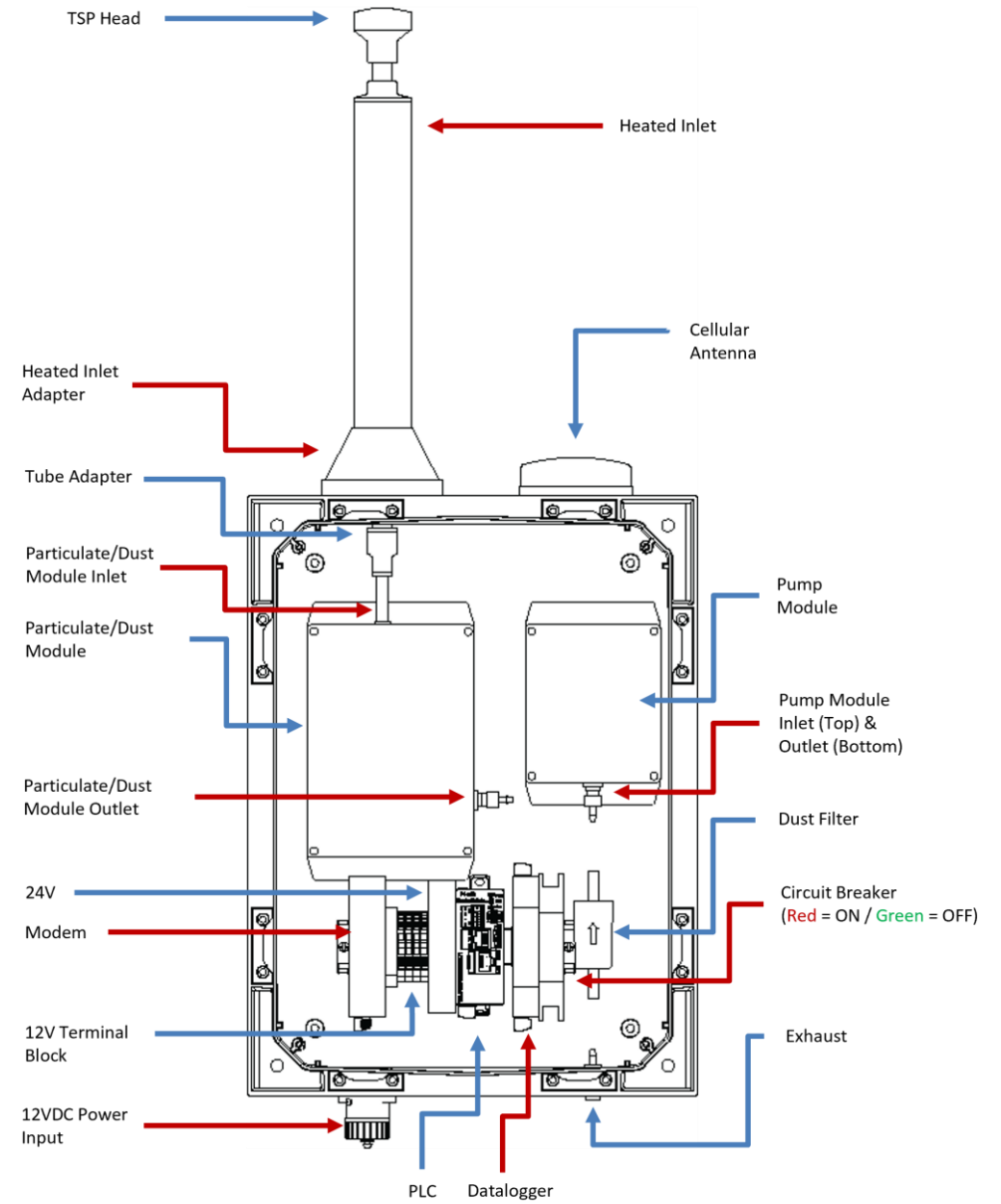
AirMetER-DX

EASYLOG ETHERNET SETUP GUIDE

Revision | June 2023

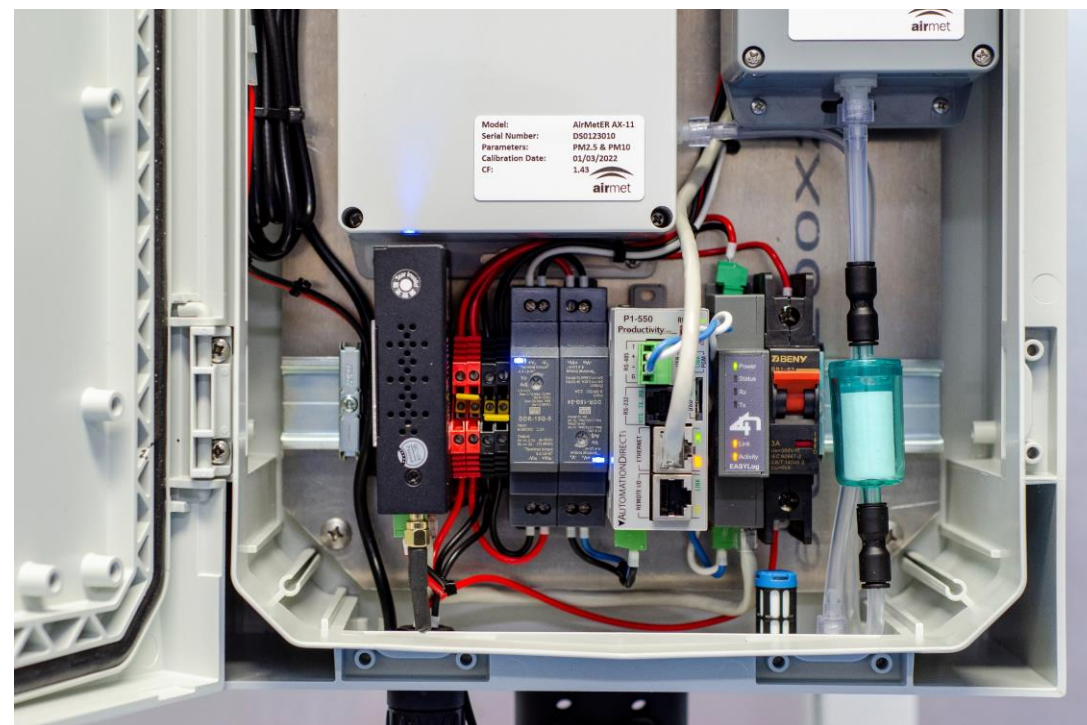


LAYOUT OVERVIEW



ETHERNET SETUP

1. Connecting to the ethernet can be done in two ways:
 - a. Connecting the ethernet cable into the WAN/LAN port of the modem
 - b. Connecting directly into the logger. This is recommended for bypassing any issue that can occur when transferring the data.
2. Unplug the ethernet from the logger and replace with the ethernet cable that will be used for the initial setup.



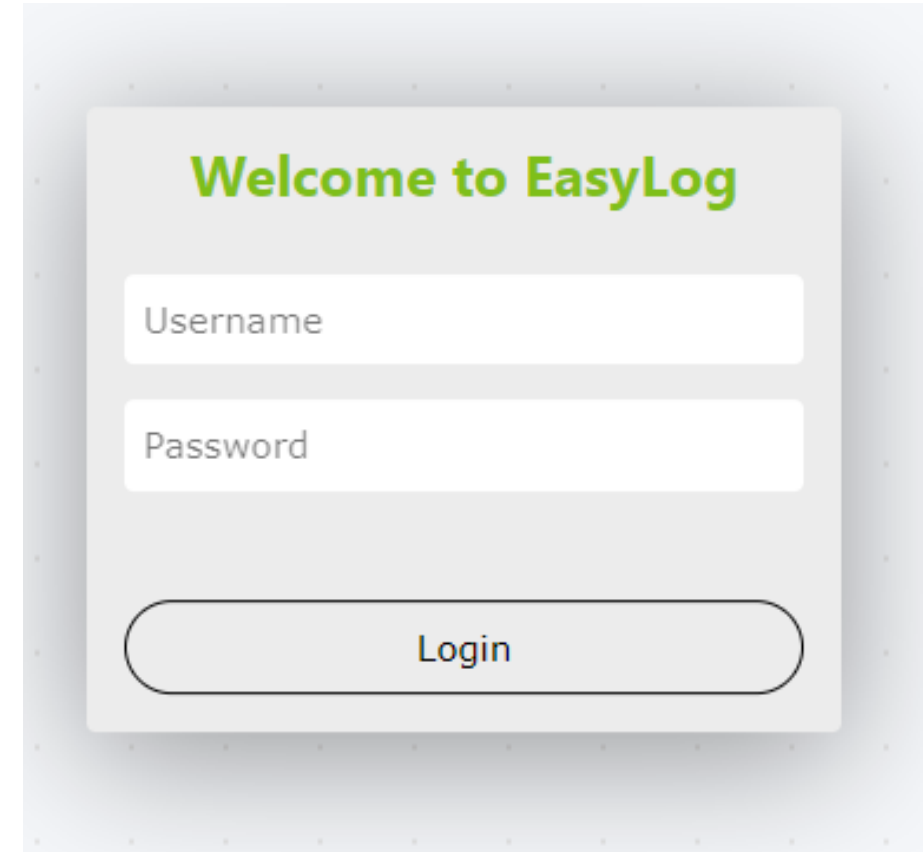
ETHERNET SETUP

3. A gland or port is needed to have the ethernet connected from the logger to external LAN connection.
4. If instrument was purchased with the ethernet connection option, it will have been assembled with the external RJ45 connection port.
5. If it's an after sales, it won't have the external port. It can be refitted, however this requires the instrument to either be sent back or have the enclosure drilled and fitted with a gland to accommodate the ethernet cable.



ETHERNET SETUP

6. The device must be within the same network as Easylog.
7. Open your browser and type in 192.168.1.100
8. The Easylog login page will load
Username: admin
Password: 711CeylonStreet



Welcome to EasyLog

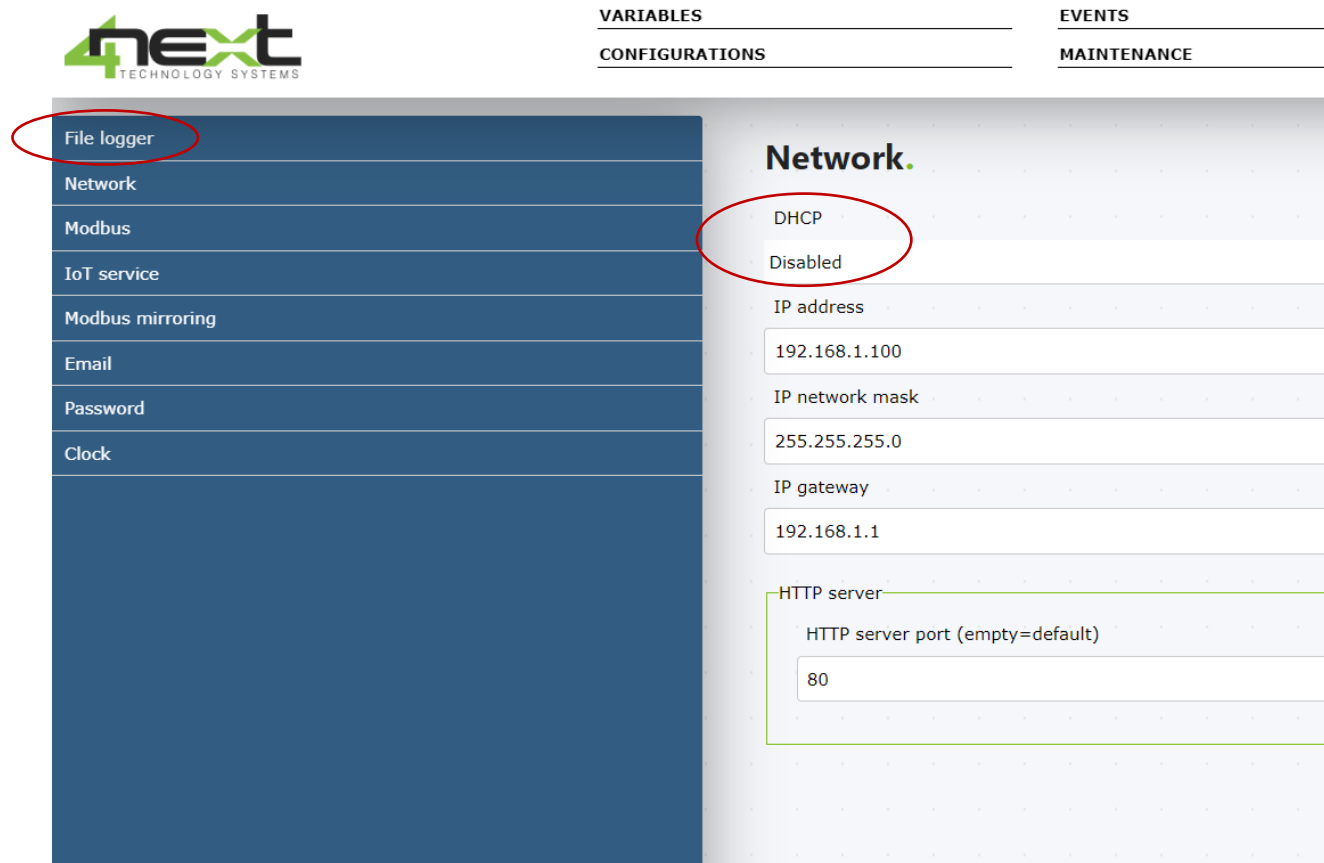
Username

Password

Login

ETHERNET SETUP

9. Navigate to Configuration > Network
Enable DHCP unless logger is set as static on the network.
10. IP address and IP gateway can be set depending on the network it will be connected to.



The screenshot displays the 'next TECHNOLOGY SYSTEMS' web interface. At the top, there are navigation tabs for 'VARIABLES', 'CONFIGURATIONS', 'EVENTS', and 'MAINTENANCE'. The 'CONFIGURATIONS' tab is active. On the left side, a vertical menu lists various configuration options: 'File logger', 'Network', 'Modbus', 'IoT service', 'Modbus mirroring', 'Email', 'Password', and 'Clock'. The 'File logger' option is circled in red. The main content area shows the 'Network.' configuration page. The 'DHCP' option is set to 'Disabled' and is circled in red. Below this, there are input fields for 'IP address' (192.168.1.100), 'IP network mask' (255.255.255.0), and 'IP gateway' (192.168.1.1). At the bottom, there is a section for 'HTTP server' with a sub-field for 'HTTP server port (empty=default)' set to '80'.

ETHERNET SETUP

11. Navigate to Configuration > Clock
Enable NTP. This will allow the logger to update the time from the network

The screenshot displays the configuration interface for the 'Clock' settings. On the left is a dark blue sidebar menu with the following items: File logger, Network, Modbus, IoT service, Modbus mirroring, Email, Password, and Clock. The 'Clock' item is circled in red. The main content area is titled 'Clock.' and contains three sections:

- Time zone:** Includes an unchecked checkbox for 'Automatic DST (Europe only)' and a text input field for 'Time zone from UTC:' with the value '10'.
- NTP clock update service:** Includes a circled unchecked checkbox for 'Enable NTP' and a text input field for 'NTP server url:' with the value 'it.pool.ntp.org'.
- Timed reset:** Includes an unchecked checkbox for 'Device reset' and a dropdown menu for 'Frequency:' currently set to 'Daily'.

ETHERNET SETUP

12. Navigate to Configuration > File logger

Set the FTP settings for where the data will be sent through.

If Livesense platform will be used, then leave the settings as they will have been configured prior to shipment.

13. Disconnect the ethernet cable used for setup and connect the LAN connection cable.

14. Verify that the logger can be seen in the network and that data is getting uploaded either to own server or to Livesense.

The screenshot displays the configuration interface for 4ICM Technology Systems. The left sidebar contains a menu with the following items: File logger (circled in red), Network, Modbus, IoT service, Modbus mirroring, Email, Password, and Clock. The main content area is titled 'CONFIGURATIONS' and shows the 'File logger' settings. The 'FTP server settings' section is circled in red and includes the following fields: Server URL (52.63.2.119), User (airmet_4n_vic), Password (masked with dots), and Server path (/). Other visible settings include 'Delete files after the following days' (30), 'Use file encryption' (unchecked), 'Log dispatch' (Log file send mode: Send log file to FTP server, Log send period: 1 minute), and 'Delete file after is sent' (unchecked).

CONTACT US

NEED HELP?

If you have any questions or require troubleshooting while using this guide, our team are here to assist you. Please feel free to contact us at any of the following means:

 1800 000 744

 engineeredolutions@airmet.com.au

 www.airmet.com.au

Alternatively, scan the QR code to locate your nearest Air-Met Scientific office.

