

MB-350(WD) WiFi connection to SVR and monitoring

The program is to connect MB-350WD device to remote Server and give access right to E/User to subscribe to get real-time monitoring data through WiFi protocol.

The Server is supposed to keep one year data storage since contracted with subscribed fare.

Customers' building their own Server could be counseled through consultation.

1) Start the setting of MB-350WD for WiFi connection

- 1-1) Make USB connection between MB-350WD device and PC -> Power on the device -> Start 'ELTMonitor_PC.exe' program.

The image displays the AirFinder software interface. The main window shows the 'Device Setting' dialog box, which is highlighted with a yellow border. The dialog box contains the following fields:

- Device : MB350W
- Device : [1]USB Serial Port(COM7)
- Baudrate : 19200

Below the fields is a 'Connect' button. A yellow arrow points from the 'Connect' button to a smaller screenshot of the software interface, which shows the 'WiFi' connection screen. This screen is also highlighted with a yellow border and contains the following fields:

- WiFi: SSID (input field)
- WiFi: Password (input field)
- WiFi: OK (button)
- Controller: Connect(ATTN) (button)
- Controller: Disconnect(RUN) (button)
- Controller: S/N Reload (button)

The label 'MB350W' is visible in the bottom right corner of the screenshot.

1-2) Select menu 'MB-350W' among devices connected thru USB ports unless selected automatically. Set baudrate as 19200.

1-3) click the button 'ATTN'.

1-4) Type in SSID(WiFi-name), Password and click set button.

1-5) Click 'S/N' to bring serial number of MB-35WD device connected.

1-6) click to copy the serial number appeared

1-7) Click button 'RUN'.

※ Beside WiFi connection, alarm value, temp./humid calibration, Buzzer ON/OFF, Time setting Could be done on this screen.

The screenshot shows the AirFinder web interface for device MB350W. The interface is divided into several sections:

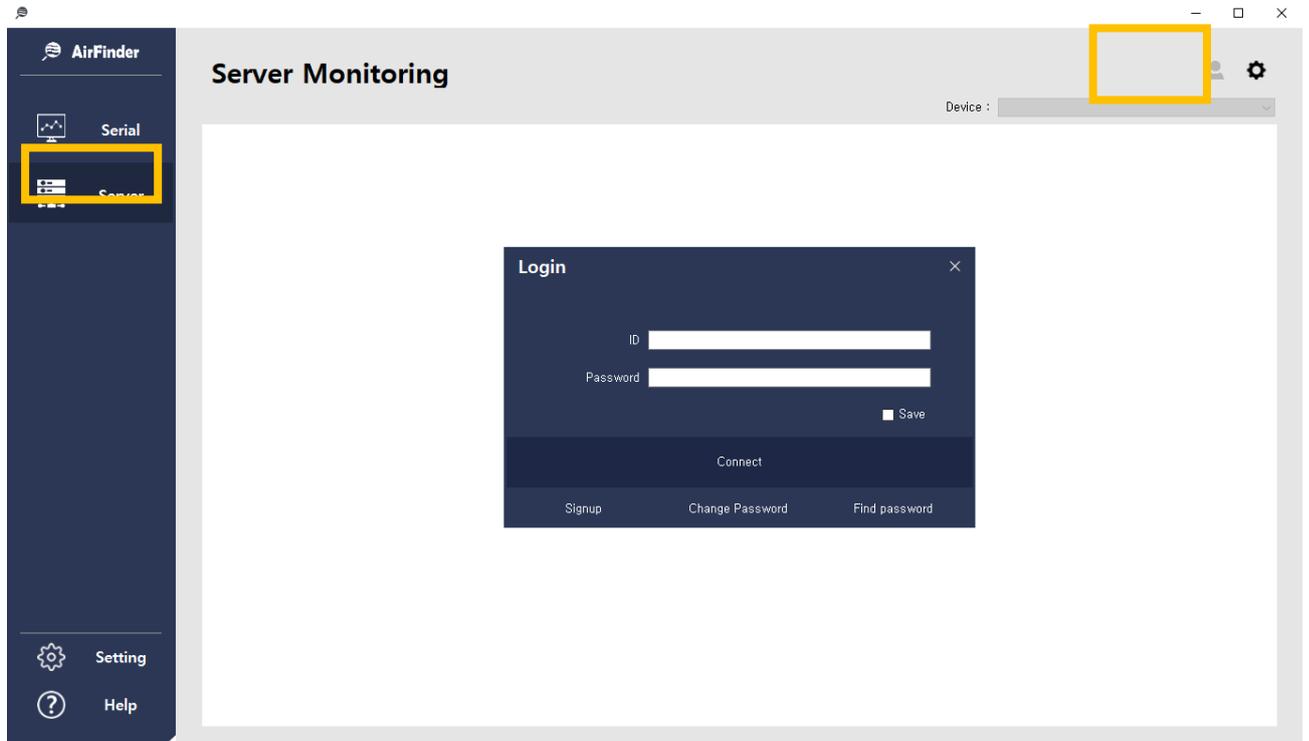
- WiFi:** Fields for SSID and Password, with an OK button.
- Time:** Fields for Week, Day, Month, and Year, with an OK button and a Time field with an Auto checkbox.
- Buzzer:** Buzzer ON/OFF toggle with ON and OFF options, and an OK button.
- Alarm:** Fields for LOW and HIGH alarm values, with an OK button.
- Alarm Value:** Fields for LOW and HIGH alarm values, with an OK button.
- Temperature:** Temperature Change Value field with a unit selector (°C) and an OK button.
- Humidity:** Humidity Change Value field with a unit selector (%) and an OK button.
- Controller:** Buttons for Connect(ATTN), Disconnect(RUN), and S/N Reload.
- Console:** A large empty text area for displaying serial numbers or logs.

The sidebar on the left contains the following options: Serial, Server, Setting, and Help.

2) Monitoring thru WiFi protocol

2-1) Subscribe with ID and password.

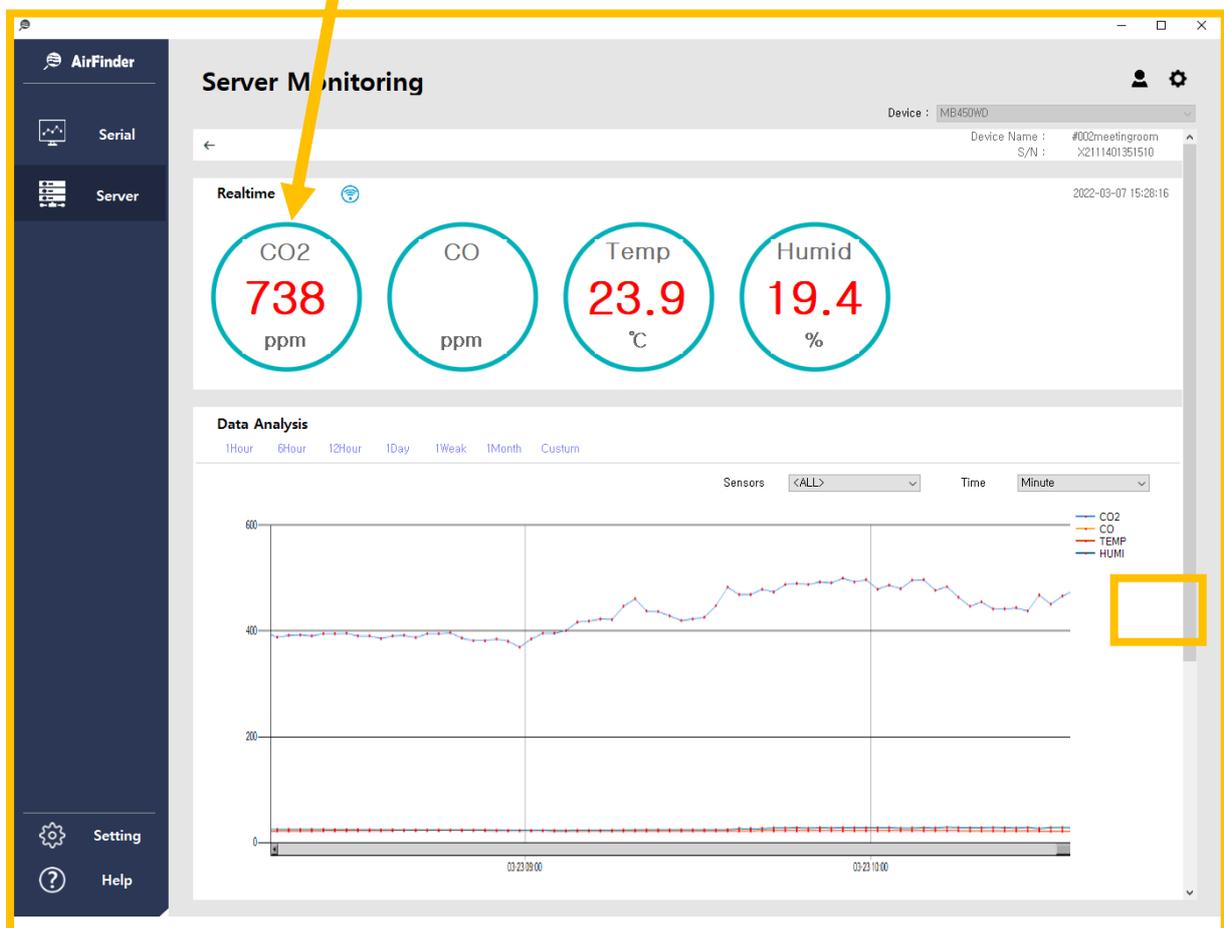
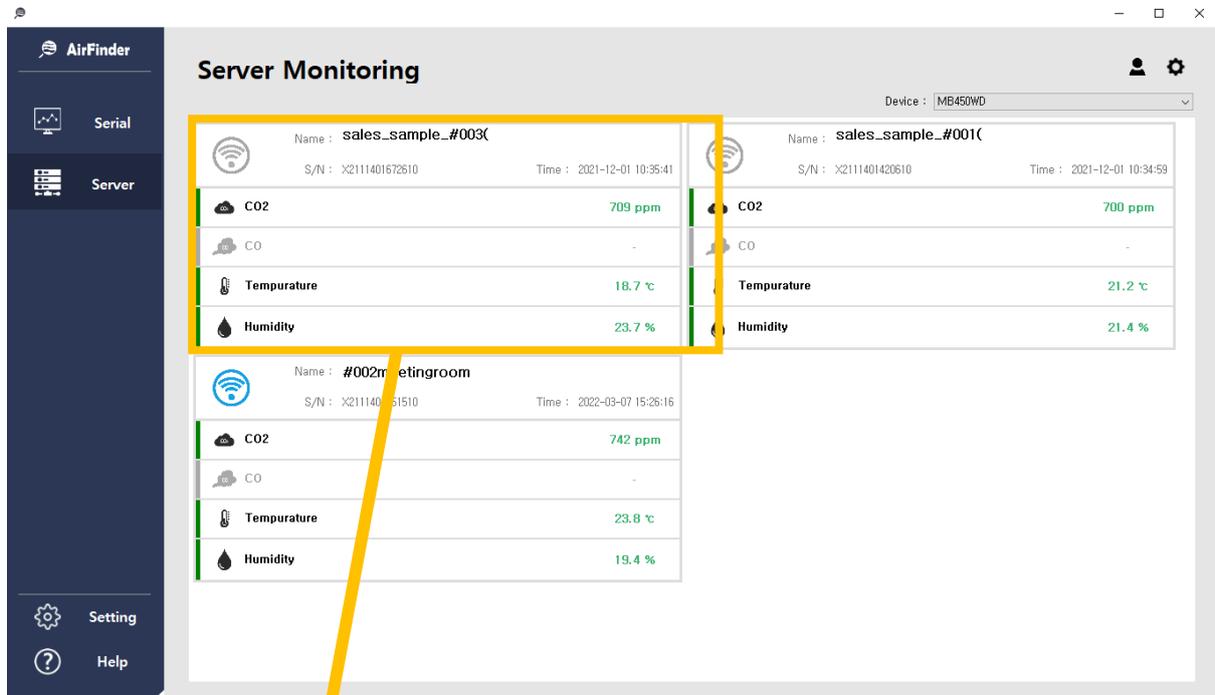
2-2) Log-in and click the human-icon up-right side.



2-3) Click the button '+' on up-right side to copy serial number and 'nickname of device' made by User's disposal.



2-4) As device is registered, data is updated with 2 minutes interval, which could be shown as graph and table below.



Data storage button

시간	CO2	CO	TEMP	HUMI
2021-11-08 12:59:54	618		24.1	35.4
2021-11-08 13:01:54	611		24.1	35.5
2021-11-08 13:03:55	606		24.1	35.2
2021-11-08 13:05:55	570		24.2	34.7
2021-11-08 13:07:55	557		24.3	34.2
2021-11-08 13:09:55	558		24.4	34.4
2021-11-08 13:11:55	580		24.4	34.4
2021-11-08 13:13:55	586		24.4	34.4
2021-11-08 13:15:56	586		24.5	34.2
2021-11-08 13:17:56	584		24.5	34.5
2021-11-08 13:19:56	598		24.6	34.4
2021-11-08 13:21:56	586		24.6	33.7

설정
도움말

