

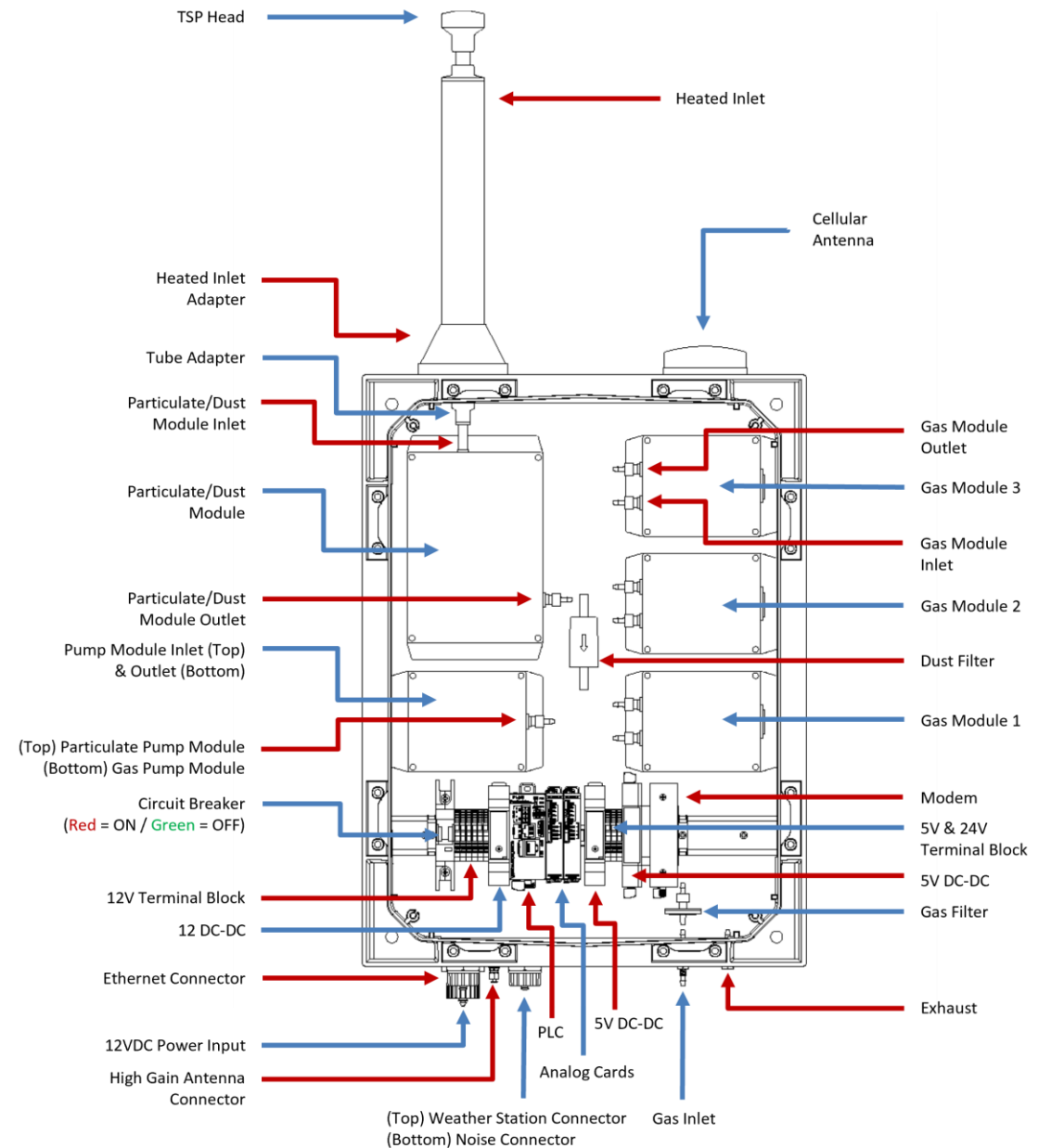
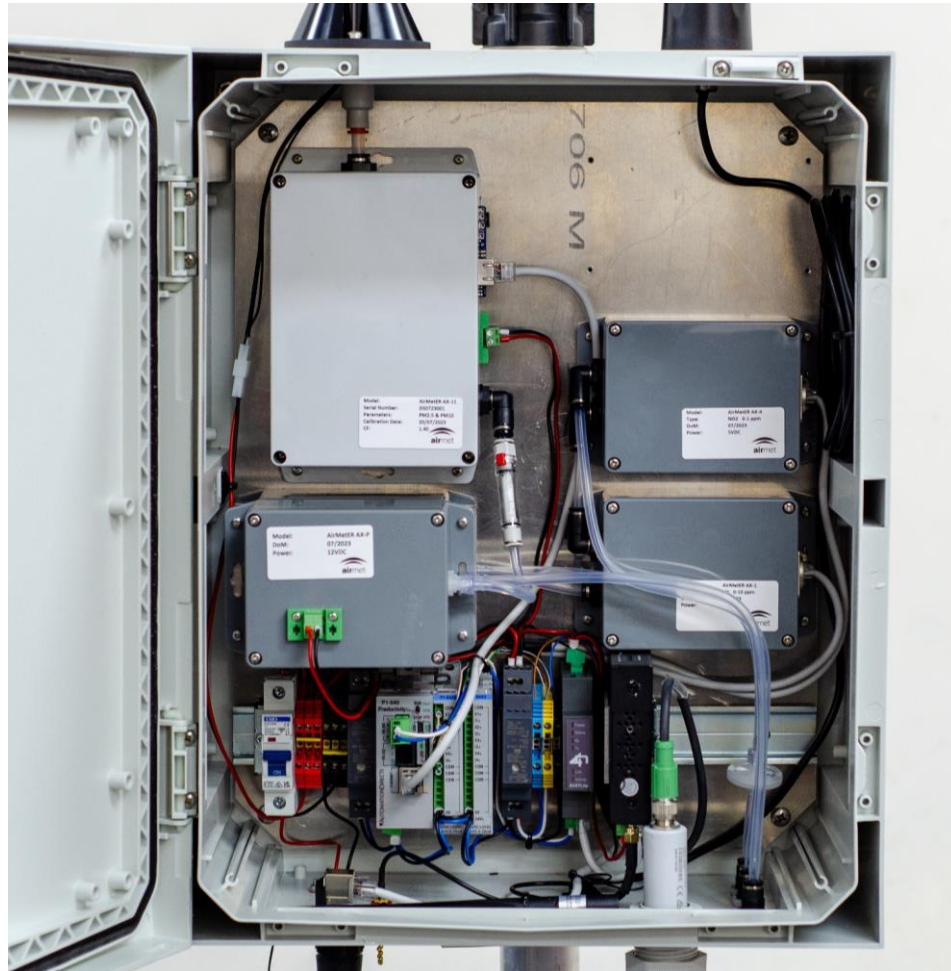
AirMetER-AX

FOUR-FAITH WI-FI SETUP GUIDE

Revision | August 2023



LAYOUT OVERVIEW



Note: Images may differ depending on the model.

WI-FI SETUP

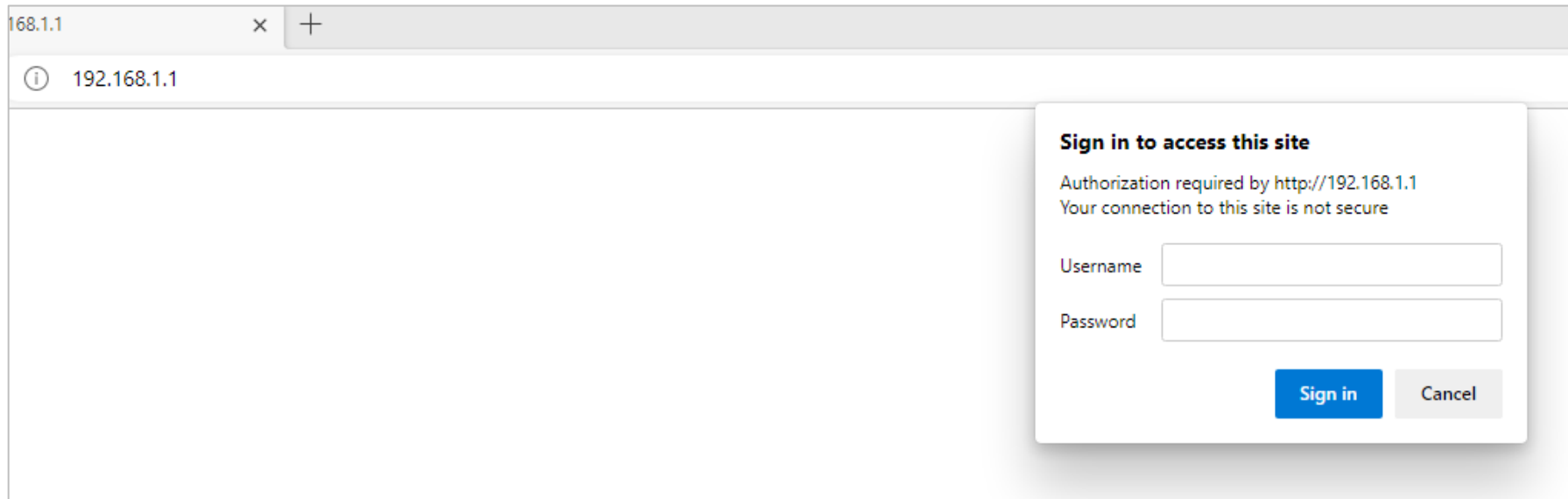
1. Connect ethernet cable to external ethernet port available on AX instruments.



WI-FI SETUP

3. Ensure that your PC is set to the same network as the modem.
4. Open your browser and navigate to <http://192.168.1.1>
5. The Four-Faith modem login page will load.

Username: admin
Password: 711CeylonStreet



WI-FI SETUP

6. Navigate to Setup > Basic Setup

Change Connection Type to Automatic Configuration-DHCP

DUAL LINK OPTION

Enable WAN Failover Enable Disable

Dual Both Online Enable Disable

Load Balancer Enable Disable

Wan Nat

Wan Nat Enable Disable

Main WAN Connection Type

Connection Type **Automatic Configuration - DHCP** ▼

Keep Online Detection Ping ▼

Detection Interval 120 Sec.

Primary Detection Server IP 114 . 114 . 114 . 114

Backup Detection Server IP 208 . 67 . 220 . 220

Enable Dial Failure to Restart Enable Disable (Default: 10 minutes)

STP Enable Disable

WI-FI SETUP

7. Change the Bkup WAN Connection Type to dhcp-4G/5G.

Bkup WAN Connection Type

Connection Type	<input type="text" value="dhcp-4G/5G"/>	
User Name	<input type="text"/>	
Password	<input type="text"/>	<input type="checkbox"/> Unmask
APN	<input type="text" value="telstra.extranet"/>	
Allow these authentication	<input type="checkbox"/> PAP <input type="checkbox"/> CHAP	
Network type	<input type="text" value="Auto"/>	
PIN	<input type="text"/>	<input type="checkbox"/> Unmask
Keep Online Detection	<input type="text" value="None"/>	
Enable Dial Failure to Restart	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	(Default: 10 minutes)
Fixed WAN Netmask Address	<input type="radio"/> Enable <input checked="" type="radio"/> Disable	
STP	<input type="radio"/> Enable <input checked="" type="radio"/> Disable	

WI-FI SETUP

8. Navigate to 'Wireless' under 'Status' and click 'Site Survey'.

Menu

- Setup
- Wireless
- Services
- VPN
- Security
- Access Restrictions
- NAT
- QoS Setting
- Applications
- Administration
- Status**
 - Router
 - WAN
 - LAN
 - Wireless**
 - Device Management
 - Bandwidth

Wireless

2.4G Wireless Status

MAC Address	54:D0:B4:30:0D:4C
Radio	Radio is On
Mode	AP
Network	Mixed
SSID	Four-Faith
Channel	0 (2407 MHz)
TX Power	100 mW
Rate	Auto
Encryption - Interface wl0	Disabled

2.4G Wireless Packet Info

Received (RX)	136 OK, no error	100%
Transmitted (TX)	2498 OK, no error	100%

2.4G Wireless Nodes

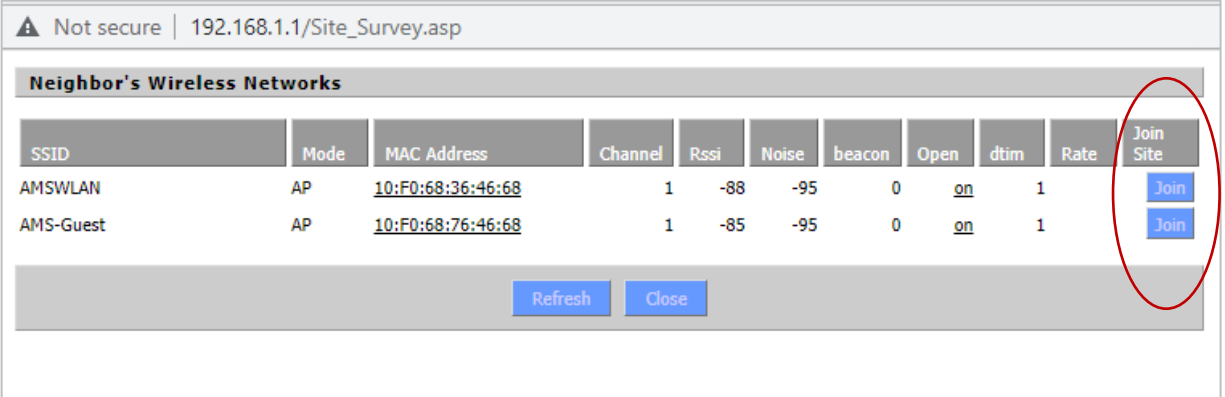
Clients

MAC Address	Interface	Uptime	TX Rate	RX Rate	Rssi	Min Rssi	Max Rssi
- None -							

[Site Survey](#)

WI-FI SETUP

9. Click 'Join' on the desired network and click continue.
10. The wireless page will pop up. Simply click save.

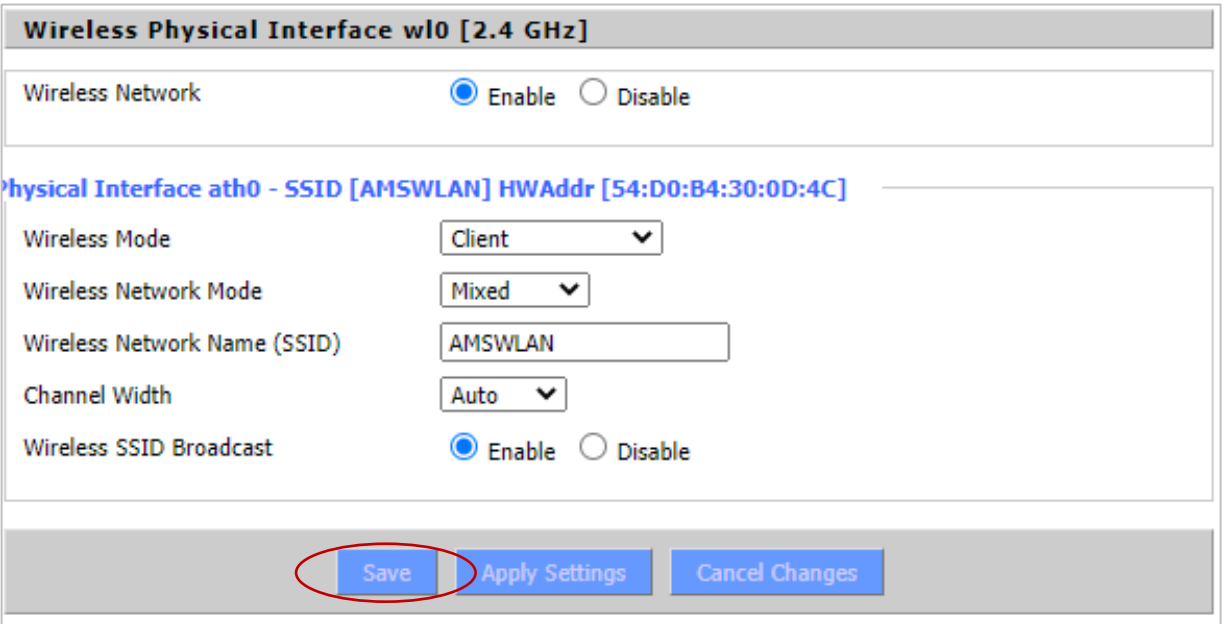


Not secure | 192.168.1.1/Site_Survey.asp

Neighbor's Wireless Networks

SSID	Mode	MAC Address	Channel	Rssi	Noise	beacon	Open	dtim	Rate	Join Site
AMSWLAN	AP	10:F0:68:36:46:68	1	-88	-95	0	on	1		Join
AMS-Guest	AP	10:F0:68:76:46:68	1	-85	-95	0	on	1		Join

Refresh Close



Wireless Physical Interface wlo [2.4 GHz]

Wireless Network Enable Disable

Physical Interface ath0 - SSID [AMSWLAN] HWAddr [54:D0:B4:30:0D:4C]

Wireless Mode

Wireless Network Mode

Wireless Network Name (SSID)

Channel Width

Wireless SSID Broadcast Enable Disable

Save Apply Settings Cancel Changes

WI-FI SETUP

11. Navigate to 'Wireless Security' under 'Wireless'.
12. Enter the Wi-Fi network's password in the WPA section.
13. Click Save.

Wireless Security w10

Physical Interface ath0 SSID [zx] HWAddr [54:D0:B4:30:0D:4C]

Security Mode: WPA2 Personal ▼

WPA Algorithms: AES ▼

WPA Shared Key: [masked] Unmask

Save Apply Settings

WI-FI SETUP

14. Navigate to the WAN page under 'Status' to verify that the modem is connected to the network.

The screenshot displays a web interface with a left-hand navigation menu and a main content area. The navigation menu includes items like Setup, Wireless, Services, VPN, Security, Access Restrictions, NAT, QoS Setting, Applications, Administration, Status, Router, WAN, LAN, Wireless, Device Management, and Bandwidth. The 'Status' item is circled in red, and its sub-item 'WAN' is also circled in red. The main content area is titled 'WAN' and shows configuration details for the WAN connection. The configuration type is 'Automatic Configuration - DHCP'. The connection uptime is '0:00:20'. The IP address is '192.168.43.76', the subnet mask is '255.255.255.0', and the gateway is '192.168.43.1'. DNS settings for DNS 1, 2, and 3 are all '192.168.43.1'. The remaining lease time is '0 days 00:59:37'. Below the configuration details, there is a 'Traffic' section showing 'Total Traffic' with 'Incoming (MBytes)' and 'Outgoing (MBytes)' both at '0'.

WAN	
Configuration Type	
Connection Type	Automatic Configuration - DHCP
Connection Uptime	0:00:20
IP Address	192.168.43.76
Subnet Mask	255.255.255.0
Gateway	192.168.43.1
DNS 1	192.168.43.1
DNS 2	
DNS 3	
Remaining Lease Time	0 days 00:59:37
Traffic	
Total Traffic	
Incoming (MBytes)	0
Outgoing (MBytes)	0

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.

