

# Wifi Password Instructions

1. Open web browser
2. Enter IP address {enter WAP IP Address from OVRC here} in the address bar
3. It will then prompt you to enter an admin username and password. If you change this username and password it will keep us from being able to troubleshoot remotely unless given the new username and password prior to troubleshooting.
  - a. Username – iwiredtech
  - b. Password - !W!red16573 (This is case sensitive)
4. After entering the Admin username and password you will see the following screen. Please follow the directions in the pictures.

The screenshot displays the Araknis Networks web interface. On the left is a navigation menu with options: STATUS (selected), SYSTEM, WIRELESS INTERFACE, SETTINGS, LAN, WIRELESS (circled in red with a 'Select Wireless' label), SECURITY, SCHEDULE, MAINTENANCE, PING, TRACEROUTE, FILE MANAGEMENT, RESTART, LOG OUT, and ADVANCED. Below the menu is a button labeled 'Apply Changes: 0'. The main content area is titled 'SYSTEM STATUS' and contains three sections: System Information, Wireless Information, and LAN Information. At the bottom is a System Log section with a scrollable log of events and 'Save Log' and 'Clear Log' buttons.

**System Information**

System Name	AN-700-AP-I-AC	
Service Tag	ST192037140V842C	
Firmware Version	1.3.02	
Management VLAN ID	Untagged	

**Wireless Information**

	2.4GHz	5GHz
MAC Address	D4 6A 91 AD 6C 62	D4 6A 91 AD 6C 63
Number of Networks	2	2
Number of Connected Clients	5	0
Operation Mode	Access Point	Access Point
TX	1457258752 Bytes	3665 Bytes
RX	148958576 Bytes	484 Bytes

**LAN Information**

	1Gbps	IP Address	192.168.1.18
Speed	Full	Subnet Mask	255.255.255.0
Duplex	D4 6A 91 AD 6C 61	Default Gateway	192.168.1.1
MAC Address	134202032 Bytes	Primary DNS	192.168.1.1
TX	1348566912 Bytes	Secondary DNS	
RX			

**System Log**

```
Mar 27 09:44:20 AN700 user.warn kernel: [ieee80211_ioctl_setlme] non sta mode, skip to set bssid
Mar 27 09:44:20 AN700 user.warn kernel: Node Added (NC = 5)
Mar 27 09:44:20 AN700 daemon.info hostapd: ath1: STA c4:1c:ff:55:4f:e7 IEEE 802.11: associated
Mar 27 09:44:20 AN700 user.warn kernel: Node deleted (NC = 4)
Mar 27 09:44:20 AN700 daemon.info hostapd: ath1: STA c4:1c:ff:55:4f:e7 IEEE 802.11: disassociated
Mar 27 09:44:23 AN700 user.warn kernel: [ieee80211_ioctl_setlme] non sta mode, skip to set bssid
Mar 27 09:44:23 AN700 user.warn kernel: Node Added (NC = 5)
Mar 27 09:44:23 AN700 daemon.info hostapd: ath1: STA c4:1c:ff:55:4f:e7 IEEE 802.11: associated
Mar 27 09:44:21 AN700 user.warn kernel: Node deleted (NC = 4)
Mar 27 09:44:21 AN700 daemon.info hostapd: ath1: STA c4:1c:ff:55:4f:e7 IEEE 802.11: disassociated
Mar 27 09:44:17 AN700 user.warn kernel: [ieee80211_ioctl_setlme] non sta mode, skip to set bssid
```

- STATUS
- SYSTEM
- WIRELESS INTERFACE
- SETTINGS**
- SYSTEM
- LAN
- WIRELESS
- SECURITY
- SCHEDULE
- MAINTENANCE
- PING
- TRACEROUTE
- FILE MANAGEMENT
- RESTART
- LOG OUT
- ADVANCED

Apply Changes: 0

**WIRELESS SETTINGS**

Radio Settings		2.4GHz	5GHz
Enable Interface	<input checked="" type="checkbox"/>	Yes	Yes
Operation Mode	<input type="checkbox"/>	Access Point	Access Point
Wireless Mode	<input type="checkbox"/>	802.11 B/G/N	802.11 AC/N
Operating Channel	<input type="checkbox"/>	Auto	Auto
Channel Bandwidth	<input type="checkbox"/>	20 MHz	80 MHz(AC Only)
Extension Channel	<input type="checkbox"/>	Upper Channel	

Utilization of SSID		2.4GHz	5GHz
SSID's Used		3	3
SSID's Available		5	5

Global Settings	
Band Steering	<input type="checkbox"/> OFF <small>NOTE: Band Steering is not supported in repeater mode.</small>
Fast Roaming	<input type="checkbox"/> OFF <small>NOTE: Fast Roaming is not supported on the radio in use as the repeater.</small>

Click on security mode. It will have a drop down box, Select WPA2-PSK

Enable	Name (SSID)	Interface	Security Mode	Broadcast SSID	Client Isolation	Delete
<input type="checkbox"/>	araknis_initial	Both	Open	<input checked="" type="checkbox"/>	<input type="checkbox"/> Enable	
<input checked="" type="checkbox"/>	hardcastle	2.4GHz	WPA2-PSK	<input checked="" type="checkbox"/>	<input type="checkbox"/> Enable	
<input checked="" type="checkbox"/>	hardcastle-5G	5GHz	WPA2-PSK	<input checked="" type="checkbox"/>	<input type="checkbox"/> Enable	
<input checked="" type="checkbox"/>	PhantomNomad_24	2.4GHz	WPA2-PSK	<input checked="" type="checkbox"/>	<input type="checkbox"/> Enable	
<input checked="" type="checkbox"/>	PhantomNomad_5	5GHz	WPA2-PSK	<input checked="" type="checkbox"/>	<input type="checkbox"/> Enable	

Add

Guest Network

- STATUS
- SYSTEM
- WIRELESS INTERFACE
- SETTINGS**
- SYSTEM
- LAN
- WIRELESS
- SECURITY
- SCHEDULE
- MAINTENANCE
- PING
- TRACEROUTE
- FILE MANAGEMENT
- RESTART
- LOG OUT
- ADVANCED

Apply Changes: 0

**WIRELESS SETTINGS**

Radio Settings		2.4GHz	5GHz
Enable Interface	<input checked="" type="checkbox"/>	Yes	Yes
Operation Mode	<input type="checkbox"/>	Access Point	Access Point
Wireless Mode	<input type="checkbox"/>	802.11 B/G/N	802.11 AC/N
Operating Channel	<input type="checkbox"/>	Auto	Auto
Channel Bandwidth	<input type="checkbox"/>	20 MHz	80 MHz(AC Only)
Extension Channel	<input type="checkbox"/>	Upper Channel	

Utilization of SSID		2.4GHz	5GHz
SSID's Used		3	3
SSID's Available		5	5

Global Settings	
Band Steering	<input type="checkbox"/> OFF <small>NOTE: Band Steering is not supported in repeater mode.</small>
Fast Roaming	<input type="checkbox"/> OFF <small>NOTE: Fast Roaming is not supported on the radio in use as the repeater.</small>

Select WPA2-PSK

Enable	Name (SSID)	Interface	Security Mode	Broadcast SSID	Client Isolation	Delete
<input type="checkbox"/>	araknis_initial	Both	Open	<input checked="" type="checkbox"/>	<input type="checkbox"/> Enable	
<input checked="" type="checkbox"/>	hardcastle	2.4GHz	WPA2-PSK	<input checked="" type="checkbox"/>	<input type="checkbox"/> Enable	
<input checked="" type="checkbox"/>	hardcastle-5G	5GHz	WPA2-PSK	<input checked="" type="checkbox"/>	<input type="checkbox"/> Enable	
<input checked="" type="checkbox"/>	PhantomNomad_24	2.4GHz	WPA2-PSK	<input checked="" type="checkbox"/>	<input type="checkbox"/> Enable	
<input checked="" type="checkbox"/>	PhantomNomad_5	5GHz	WPA2-PSK	<input checked="" type="checkbox"/>	<input type="checkbox"/> Enable	

Add

Guest Network

araknis NETWORKS

STATUS SYSTEM WIRELESS INTERFACE

SETTINGS SYSTEM LAN WIRELESS SECURITY SCHEDULE

MAINTENANCE PING TRACEROUTE FILE MANAGEMENT RESTART LOG OUT

ADVANCED

Apply Changes: 0

WIRELESS SETTINGS

Radio Settings

2.4GHz 5GHz

Enable Interface  Yes  Yes

Operation Mode  Access Point  Access Point

Wireless Mode  802.11 B/G/N  802.11 AC/N

Operating Channel  Auto  Auto

Channel Bandwidth  20 MHz  80 MHz(AC Only)

Extension Channel  Upper Channel

Utilization of SSID

SSID's Used 2.4GHz 3 5GHz 3

SSID's Available 2.4GHz 5 5GHz 5

Global Settings

Band Steering  OFF NOTE: Band Steering is not supported in reconfig mode.

Fast Roaming  OFF NOTE: Fast Roaming is not supported on the radio in use as the heater.

Wireless Networks

Enable	Name (SSID)	Interface	Security Mode	Broadcast SSID	Client Isolation	Delete
<input checked="" type="checkbox"/>	araknis_initial	Both	Open	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Enable	
<input checked="" type="checkbox"/>	hardcastle	2.4GHz	WPA2-PSK	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Enable	<input type="button" value="Delete"/>
<input checked="" type="checkbox"/>	hardcastle-5G	5GHz	WPA2-PSK	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Enable	<input type="button" value="Delete"/>
<input checked="" type="checkbox"/>	PhantomNomad_24	2.4GHz	WPA2-PSK	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Enable	<input type="button" value="Delete"/>
<input checked="" type="checkbox"/>	PhantomNomad_5	5GHz	WPA2-PSK	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Enable	<input type="button" value="Delete"/>

Guest Network

Wireless Security

Name (SSID) "hardcastle"

Security Mode WPA2-PSK

Encryption AES

Passphrase

Group Key Update Interval 300s

Save Cancel

After you select WPA2-PSK from the drop down box this screen will appear. Type in your preferred password. It must be at least 8 characters. After you enter the password, click save.

You MUST do this for every SSID you have active.

araknis NETWORKS

STATUS SYSTEM WIRELESS INTERFACE

SETTINGS SYSTEM LAN WIRELESS SECURITY SCHEDULE

MAINTENANCE PING TRACEROUTE FILE MANAGEMENT RESTART LOG OUT

ADVANCED

Apply Changes: 0

WIRELESS SETTINGS

Radio Settings

2.4GHz 5GHz

Enable Interface  Yes  Yes

Operation Mode  Access Point  Access Point

Wireless Mode  802.11 B/G/N  802.11 AC/N

Operating Channel  Auto  Auto

Channel Bandwidth  20 MHz  80 MHz(AC Only)

Extension Channel  Upper Channel

Utilization of SSID

SSID's Used 2.4GHz 3 5GHz 3

SSID's Available 2.4GHz 5 5GHz 5

Global Settings

Band Steering  OFF NOTE: Band Steering is not supported in reconfig mode.

Fast Roaming  OFF NOTE: Fast Roaming is not supported on the radio in use as the heater.

Wireless Networks

Enable	Name (SSID)	Interface	Security Mode	Broadcast SSID	Client Isolation	Delete
<input checked="" type="checkbox"/>	araknis_initial	Both	Open	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Enable	
<input checked="" type="checkbox"/>	hardcastle	2.4GHz	WPA2-PSK	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Enable	<input type="button" value="Delete"/>
<input checked="" type="checkbox"/>	hardcastle-5G	5GHz	WPA2-PSK	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Enable	<input type="button" value="Delete"/>
<input checked="" type="checkbox"/>	PhantomNomad_24	2.4GHz	WPA2-PSK	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Enable	<input type="button" value="Delete"/>
<input checked="" type="checkbox"/>	PhantomNomad_5	5GHz	WPA2-PSK	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Enable	<input type="button" value="Delete"/>

Guest Network

After you have changed the password for each SSID, click apply changes. It will take about 90 seconds the WAP will reboot and you will need to reconnect with all of your devices.

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