

# Wireless Software User's Manual

Version 1.1 (February 2019)



## ontaira®

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#### **FCC Notice**

This equipment has been tested and found to comply with the limits for a Class-A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. It may cause harmful interference to radio communications if the equipment is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution**: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

#### **CE Mark Warning**

This is a Class-A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

#### **Industrial Ethernet Wireless APs**

Software User Manual

This manual supports the following models:

- AMS-2111(-T)
- AMS-7131-AC(-T)

This manual supports the following software version:

Release: Antaira v3.04

Please check our website (www.antaira.com) for any updated manual or contact us by e-mail (support@antaira.com).



## 1. Access with Web Browser

## 1.1. Web GUI Login

All of Antaira's industrial managed devices are embedded with HTML web GUI interfaces. They provide user-friendly management features through its design and allows users to manage the devices from anywhere on the network through a web browser.

**Step 1**: To access the WEB GUI, open a web browser and type the following IP address: <u>http://192.168.1.1</u>

Step 2: The default WEB GUI login:

Username: root

Password: password

<b>Login</b> Please enter the router pass	
Please enter the router pass	
	word to log in
Password	Enter Password
	Login
	—
	Password



## 1.2. Operation Modes

## 1.2.1. Access Point

The access point mode allows Wi-Fi devices to connect to a wired network. In this mode, multiple wireless devices can be supported on a single wired local area network. In the example below, Internet is provided via the Modem/Router. The Access Point is connected directly to the Modem/Router by an Ethernet cable. Multiple devices can then connect to the access point's Wi-Fi and access the Internet.





### 1.2.2. WDS Station

In a typical Access Point to Station/Client connection, whenever traffic is passed through the AP, the MAC address of the client packet changes to the MAC address of the AP. This can add overhead and latency. A Wireless Distribution System (WDS) allows one or more access points to connect wirelessly and share internet access across. WDS also preserves the MAC addresses of client frames across links between the WDS AP to WDS Stations, reducing the latency caused in typical wireless setups. WDS Stations can only be paired with WDS AP.





### 1.2.3. Transparent Bridge

Transparent Bridge is similar to WDS Station mode, except it does not have to be paired to a WDS AP. Using Transparent Bridge Mode allows the Wi-Fi client device to receive IP addresses from a DHCP server.



### 1.2.4. Repeater Mode

In Repeater Mode, the access point will act as a relay for another wireless signal. Repeater Mode takes an existing signal from a wireless AP or wireless router and rebroadcasts it. This mode is beneficial for extending the wireless range and coverage. The drawback is that the re-transmitted signal throughput is halved for every repeater used.



## 2.Status

## 2.1. Overview

When logged into the Web GUI Interface, the Overview page provides information of the current Access Point.

Containa*			Apply all Changes
Status	Status Overview		
> Overview	System Information		
Connectivity			
Wireless	Release	Antaira v3	
LAN Status	Hardware	Industrial Access Point	
Log	Kernel-Version	4.4.89	
OpenVPN	Uptime	0 Days, 01:38:46 Hours	
Network Settings	Current time	2005-01-20 01:54:32	
Network Services	Surrent line	2000 01 20 01.04.02	
System Settings	Current load	0.52 / 0.10 / 0.03	
Logout	Memory Usage	33.60 / 58.99 MByte	
	Internet		
	Status	Disabled	
	Wireless		
	Wireless Interface 2.4 GHz	SSID	
		Antaira	AP

Item	Description
Release	Displays current firmware.
Hardware	Displays description of access point.
Kernel-Version	Displays current kernel-version.
Uptime	Displays current uptime.
Current Time	Displays current time.
Current Load	Displays current load.
Memory Usage	Displays current memory usage.

## 2.2. Connectivity

#### Status > Connectivity

	Apply all Change	es
Status	Internet Status	
Overview	Current Uplink Information	
> Connectivity		
Wireless	Connection Type Disabled	
LAN Status		
Log		
OpenVPN		
Network Settings		
Network Services		
System Settings		
Logout		
	•	
Logout		

Item	Description
Connection	Displays surrent uplink information
Туре	

## 2.3. Wireless

The wireless interface information is provided here.

making connectivity simple				Apply all Changes
Status	Wireless Status			
Overview	Wireless Interface 2.4 GHz			
Connectivity				
> Wireless	Channel	11 (2462 MHz)		
LAN Status	BSSID			
Log	AP SSID	Antaira		
OpenVPN	Wireless-Clients	Hostname	MAC	Signal Noise
Network Settings	Wileless-Cilents	nostiume	MAC	aightir Molae
Network Services				
System Settings				
Logout				

#### Status > Wireless

Item	Description
Channel	Displays the Wireless Channel.
BSSID	Displays the Basic Service Set Identifier.
AP SSID	Displays the Access Points' Service Set Identifier.
Wireless-	Displays wireless client's hostname, MAC Address, signal
Clients	strength, and noise level.

## 2.4. LAN Status

The Local Area Network status information is provided here.

				Apply all Changes
Status Overview	LAN Status			
Connectivity Wireless	Active Clients	Host Name	IP Address	MAC Address
LAN Status Log		*	192.168.1.88	70:77:81:b4:34:f9
OpenVPN	DHCP Clients	Host Name	IP Address	MAC Address
Network Services		ANTAIRA-043A	192.168.11.127	58:20:b1:74:37:d3
Logout				

#### Status > LAN Status

Item	Description		
Active Clients	Displays Active client's hostname, IP Address, and MAC		
	Address.		
DHCP Clients	Displays DHCP client's hostname, IP Address, and MAC		
	Address.		

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## 2.5. Log

The Log page displays local log information.

				Apply all Changes
Status	System			
Overview	Log Information			
Connectivity Wireless	Time	Level	Service	Message
LAN Status	Log Level: All	•		
> Log	2005-01-19 17:04:52	Info	odhcpd	Using a RA lifetime of 0 seconds on br-lan
OpenVPN	2005-01-19 17:04:52	Notice	odhcpd	Failed to send to ff02::1%br-lan (No such device)
Network Settings	2005-01-19 17:05:33	Notice	root	wifi transition up radio0
Network Services	2005-01-19 17:06:33	Notice	root	wifi transition up radio0
System Settings	2005-01-19 17:07:33	Notice	root	wifi transition up radio0
Logout	2005-01-19 17:08:33	Notice	root	wifi transition up radio0
	2005-01-19 17:09:33	Notice	root	wifi transition up radio0
	2005-01-19 17:10:14	Info	odhcpd	Using a RA lifetime of 0 seconds on br-lan
	2005-01-19 17:10:14	Notice	odhcpd	Failed to send to ff02::1%br-lan (No such device)
	2005-01-19 17:10:33	Notice	root	wifi transition up radio0
	2005-01-19 17:11:33	Notice	root	wifi transition up radio0
	2005-01-19 17:12:33	Notice	root	wifi transition up radio0
	2005-01-19 17:13:34	Notice	root	wifi transition up radio0
	2005-01-19 17:14:34	Notice	root	wifi transition up radio0

#### Status > Log

#### Syslog Level

Indicates what type of message will be displayed in the System Log. Default is All.

Settings	Description
All	Displays all messages.
Emergency	Displays specific messages with severity level less than or equal to Emergency.
Alert	Displays specific messages with severity level less than or equal to Alert.
Critical	Displays specific messages with severity level less than or equal to Critical.
Error	Displays specific messages with severity level less than or equal to Error.
Warning	Displays specific messages with severity level less than or equal

	to Warning.
Notico	Displays specific messages with severity level less than or equal
NOLICE	to Notice.
Info	Displays specific messages with severity level less than or equal
	to Informational.
Dobug	Displays specific messages with severity level less than or equal
Debug	to Debug.

#### Service

Filter logs by the Service name type.

#### Message

Filter logs by the Message.

## 2.6. OpenVPN

The OpenVPN Information log page is provided here.

		Apply all Changes
Status	OpenVPN	
Overview	OpenVPN Information	
Connectivity	Sanvian Status	Enabled
Wireless	Service Status	Eligned
LAN Status Log	Log	
> OpenVPN		
Network Settings		
Network Services		
System Settings		
Logout		
		Refresh

#### Status > OpenVPN

Item	Description
Service Status	Displays whether OpenVPN service is Enabled or Disabled.
Log	Displays log information about OpenVPN.

## 3.Network Settings 3.1. Connectivity

This page configures the Wide Area Network side of the Antaira Access Point.

		Apply all Changes
Status	Connectivity Setting	gs
Network Settings	Internet	
Connectivity		
Wireless	WAN Connection	Ethernet
Local	ETHERNET	
Devices	Operation Mode	DHCP
Multicast	DUOD	
UPnP	DHCP	
Switch	Hostname	
Quality of Service	IP Address	
Firewall		
Port Forwards	Vendor Class	
Network Services		C Enable MAD Address closics
System Settings		Enable MAC Address cioning
Logout		

#### Network Settings > Connectivity

#### **WAN Connection**

Select an interface to be the Wide Area Network interface. The options are listed below:

Settings	Description	
Disabled	Disables the WAN interface.	
Ethernet	Uses the Ethernet port as the WAN interface.	
USB		
Wireless	Uses WiFi for the WAN interface.	

#### **Operation Modes using Ethernet**

Select the Operation Mode for the WAN when using the Ethernet port interface. The options are listed below:

Settings	Description	
	The AP will obtain its WAN-side IP Address from a DHCP	
DIIGI	server.	
Static	A static IP Address will be used.	

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PPPoE	Configure as a PPPoE-Cilent.	
PPTP	Establishes a connection via PPTP.	

#### **Operation Modes using Wireless**

Select the Operation Mode for the WAN when using the wireless interface. The options are listed below:

Settings	Description
ΝΛΤ	The AP will obtain its WAN-side IP Address from a DHCP
	server.
Transparent	The Antaira Access Point will operate transparently (no NAT or
Bridgo	DHCP). Clients receive DHCP leases from the LAN or use static
Blidge	IPs.
WDS Station	Configure as a WDS Station.



## 3.2. Wireless

This page configures the Wireless Interface of the Antaira Access Point. The SSID and Encryptions can be configured here.

		Apply all Changes
Status	Wireless Network S	ettings
Network Settings	Wireless Interface 2.4 GHz	
Connectivity		
> Wireless	Enabled	2
Local	Bandwidth	802.11n 20Mhz
Devices		
Multicast	Channel	11 - 2462 MHz 🔹
UPnP		
Switch	Short Preamble	
Quality of Service	SSID 1	🖍 Antaira 🗶
Firewall		
Port Forwards	SSID 2	Antaira
Network Services	Encryption	None
System Settings	Encryption	
Logout	Advanced	•

#### Network Settings > Wireless

Item	Description
Enabled	Enable/Disable the Wi-Fi interface.
Pondwidth	The channel bandwidth for the Wi-Fi instance. Supports 802.11n
Danuwidth	auto/20Mhz/40Mhz and 802.11g.
Channel	Select a desired channel or set to auto for automatic selection.
Short Preamble	Select to use a short preamble for Wi-Fi data transmission
Short i reallible	errors.
SSID #	The Service Set Identifier instance name.
Encryption	The Wi-Fi security setting. Supports no Encryption, WPA/WPA2,
Спогурнон	and Radius.
Passphrase	The WPA/WPA2 passphrase.
WPS	Wi-Fi Protected Setup pushbutton.
Advanced	Click the Advanced button to display more settings.
Bridge to	Bridge the Wi-Fi to the LAN, WAN, or GUEST_LAN.
WDS AP	Select to enable WDS AP Mode.
Hidden SSID	Select to hide the SSID from showing to clients.
Station Isolation	Enable Station Isolation on the Antaira Access Point.
Key Renew	Enter a value in seconds for key renew interval. Leave empty for
Interval	default.

MAC Address	Create a Whitelist (Allowed) or Blacklist (Denied) filter for MAC
Filter	Addresses.

### 3.3. Local

This page configures the Local Area Network side of the Antaira Access Point. The LAN can also be configured as a DHCP server.

		Apply all Changes
Status	Local Network Settin	gs
Network Settings	LAN Configuration	
Connectivity		
Wireless	IP Address / Net Mask	192.168.1.242 / 24
> Local	DHCP Server	
Devices		
Multicast	Enable DHCP	enabled 🔻
UPnP		
Switch	Client IP Range	192.168.1. 100 - 192.168.1.250
Quality of Service	Max. Client Leases	150
Firewall		
Port Forwards	Client Lease Time	12h
Network Services	Gataway	Enter ontional Gateway address to be pushed to the clients
System Settings	Outeway	
Logout	Additional DNS Servers	
	01/0 0-555	
	DINS Server 1	
	DNS Server 2	
	DNS Server 3	

#### Network Settings > Local

#### LAN Configuration

Configure the LAN IP Address and Net Mask.

Item	Description
IP Address/Net Mask	The LAN side IP Address and Net Mask setting.

#### **DHCP Server**

The LAN side of the Antaira Access Point can be configured as a DHCP Server.

Item	Description	
Enable DHCP	Enable/Disable the DHCP Server option.	
Client IP	Configure the client need range of IR Addresses	
Range	Configure the client poor range of IP Addresses.	
Max. Client	Set the maximum amount of ID Addresses that can be leased	
Leases	Set the maximum amount of IP Addresses that can be leased.	
Client Lease	Set the amount of time before a leased IP Address expires.	
Time		
Gateway	Enter optional Gateway address to be pushed to the clients.	

#### Additional DNS Servers

Add up to three DNS Servers. These DNS Servers can be used instead of the WAN DNS.

Item	Description	
DNS Server #	Enter the DNS Server address here.	
Ignore WAN DNS	Check this box to ignore using the WAN DNS.	

## 3.4. Devices

This page configures static bindings. IP Addresses can be statically mapped to Mac Addresses here.

				Apply all Changes 3
Status	Devices			
Network Settings 3	Configured Device	28		
Connectivity				
Wireless	Name	MAC-Address	IP-Address	
Local				× ×
> Devices 3				
Multicast				
UPnP				
Switch				
Quality of Service				
Firewall				
Port Forwards				
Network Services				
System Settings				
Logout				

#### Network Settings > Devices

Item	Description	
Name	Enter a name for the device.	
MAC-Address	Enter the target MAC Address.	
IP-Address	Address Enter an IP Address to statically bind.	



## 3.5. Multicast

Enable or Disable IGMP Proxy. Disabled by default.

			Apply all Changes
Status	Multicast		
Network Settings	IGMP Proxy Settings		
Connectivity			
Wireless	Enable	Enabled	•
Local		Disabled Enabled	
Devices			
> Multicast			
UPnP			
Switch			
Quality of Service			
Firewall			
Port Forwards			
Network Services			
System Settings			
Logout			

#### Network Settings > Multicast



## 3.6. UPnP

Enable or Disable Universal Plug and Play. Disabled by default.

		Арр	ly all Changes
Status	UPnP		
Network Settings	UPnP Configuration		
Connectivity			
Wireless	Enabled	Disable	•
Local		Disable Enable	
Devices			
Multicast			
> UPnP			
Switch			
Quality of Service			
Firewall			
Port Forwards			
Network Services			
System Settings			
Logout			

Network Settings > UPnP



## 3.7. Quality of Service

Enable or Disable QoS. Disabled by default.

		Apply all Changes
Status	Quality of Service	
Network Settings	QoS configuration	
Connectivity		
Wireless	Enable	Enable
Local	Max. Upload Speed (kB)	128
Devices		
Multicast	Max. Downl. Speed(kB)	1024
UPnP		
Switch		
Quality of Service		
Firewall		
Port Forwards		
Network Services		
System Settings		
Logout		

#### Network Settings > Quality of Service

Item	Description	
Enable	Enable or Disable Quality of Service.	
Max. Upload Speed (kB)	Enter the allowed maximum upload speed in kB.	
Max. Downl. Speed (kB)	Enter the allowed maximum download speed in kB.	

## 3.8. Firewall

This page configures Firewall services.

		Apply all Changes
Network Settings	Services available from the	the Internet
Connectivity		
Wireless	Allow PING	×
Local	Allow Ident (113)	
Devices		
Multicast	Allow SSH	
UPnP	Allow HTTPS	
Switch		
Quality of Service	VPN Passthrough	
> Firewall	Allen: 1 070	
Port Forwards	AllOW L21P	2
Network Services	Allow PPTP	✓
System Settings		
Logout	Allow IPSec	✓
	Limit connections for incom	ing services on WAN
	Max. Connections/min	5
	IP Address Range inside Di	MZ
	IP Address	192.168.250.1 / 24

#### Network Settings > Quality of Service

#### Services available from the Internet

Allow or block certain protocols to the Antaira Access Point.

Item	Description
Allow PING	Allow or Deny PING transmission to the Antaira Access Point.
Allow Ident (113)	Allow or Deny Identification Protocol.
Allow SSH	Allow or Deny SSH connections to the Antaira Access Point.
Allow HTTPS	Allow or Deny HTTPS connections to the Antaira Access Point.
Allow L2TP	Allow or Deny L2TP VPN connections.
Allow PPTP	Allow or Deny PPTP VPN connections.
Allow IPSec	Allow or Deny IPSec VPN connections.
Мах	Limit the connections for incoming services on the WAN. Default
Connections/min	is 5.
IP Address	
Range inside	Configure the IP Address range inside the DMZ.
DMZ	

## 3.9. **Port Forwards**

Port Forwarding allows specific ports of the hosts residing in the internal network to be forwarded to the external network. This is useful for a number of applications such as FTP servers, Web servers, e-mail servers, etc. Port Forwarding is also beneficial where different host systems need to be seen using a single common IP address/port.

				Apply all Changes 3
Status	Port Forwards	;		
Network Settings 3	Configured Port Fo	rwards		
Connectivity				
Wireless	Protocol	WAN Port	IP-Address	LAN Port
Local	TCP 🔻 Sing	gle F 🔻		× ×
Devices				
Multicast				
UPnP				
Switch				
Quality of Service				
Firewall				
> Port Forwards 3				
Network Services				
System Settings				
Logout				

#### Network Settings > Port Forwards

Item	Description
Protocol	Select the protocol type that needs to be forwarded. Select
FIOLOCOI	between TCP, UDP, or both.
WAN Port(s)	Choose between a single port or a range of ports to be
	forwarded.
IP-Address	
LAN Port	Enter the LAN source port.

## 4. Network Services

## 4.1. Router

Network Services > Router

		Apply all Changes
Status	Router Setup	
Network Settings	Router Name and Domain Setup	
Network Services		
> Router	Hostname	
SSH	Domain	
Dynamic DNS		
PPTP Server		
OpenVPN		
WiFi Schedule		
Access Control		
Wake on LAN		
System Settings		
Logout		
Item	Description	
Hostname	Enter a hostname.	
Domain	Enter a domain name.	



## 4.2. SSH

Enable or Disable SSH. The root password can also be configured here.

		Apply all Changes
Status	SSH	
Network Settings	Remote Configuration	
Network Services		
Router	SSH Server	Enabled
> SSH	SSH Port	22
Dynamic DNS		
PPTP Server	Set the root password	
OpenVPN		
WiFi Schedule	New Password	
Access Control	Retype Password	
Wake on LAN		
System Settings		
Logout		

#### Network Services > Router

Item	Description
SSH Server	Enable or Disable SSH.
SSH Port	Configure a custom port number for SSH connections. Default is port 22.
Set the root password	Configure a new password for root login. Default is <b>password</b>

## 4.3. Dynamic DNS

Enable or Disable Dynamic DNS. Disabled by default.

entaira*			Apply all Changes
Status	Dynamic DNS		
Network Settings	DynDNS Provider Configura	ition	
Network Services			
Router	Enable	Enabled	*
SSH	Service	dyndns.org	*
Dynamic DNS			
PPTP Server	Username	your_username	
OpenVPN			
WiFi Schedule	Password	your_password	
Access Control	Domain	yourhost.example.com	
Wake on LAN			
System Settings	Check IP at	WAN	*
Logout	Timeout Configuration		
	Verify (Minutes)	5	
	Refresh (Hours)	12	

#### Network Services > Dynamic DNS

Item	Description	
Enable	Enable or Disable Dynamic DNS.	
Service	Select a pre-defined service or create a custom one.	
Username	Enter a username.	
Password	Enter a password.	
Domain	Enter a domain name.	
Update URL	Enter an updated URL.	
Check IP at	Select either WAN or Internet.	
Verify	Enter value in minutes	
(Minutes)		
Refresh	Enter value in hours.	

## 4.4. **PPTP Server**

Enable or Disable Point-to-Point Tunneling Protocol.

						Apply all Chang	jes
Status Network Settings	<b>PPTP Server</b> Configuration						
Network Services Router	Enable	Enabled					v
SSH Dynamic DNS	Server IP-Address	192.168.240	).1				
> PPTP Server	Client IP-Addresses	192.168.240	).2-254				
WiFi Schedule	PPTP Users	Username	youruser	Password	•••••		×
Access Control Wake on LAN							+
System Settings							
Logout							

#### Network Services > Dynamic DNS

Description	
Enable or Disable PPTP Server	
Enter the server's IP address	
EIILEI LIIE SEIVEI S IF AUULESS.	
Enter a range of the client IP addresses	
Enter a range of the chent in addresses.	
Enter a username and password.	

## 4.5. OpenVPN 4.5.1. OpenVPN Configuration

Network Services > OpenVPN

		Apply all Changes
Status Network Settings	OpenVPN Service Configuration	
Network Services Router	OpenVPN	Enabled
SSH Dynamic DNS	Operation Mode	Client
PPTP Server	Device Mode	TUN
OpenVPN WiFi Schedule	Network Protocol	UDP •
Access Control Wake on LAN	Remote Server	
System Settings	Port	1194
Logout	Use Authentication	Enabled
	Username	
	Password	
	Masquerade Traffic	

ltem	Description
OpenVPN	Enable or Disable OpenVPN services.
Operation	Choose between Server, Client, or upload a custom
Mode	configuration file.
Device Mode	Choose between TUN (Network Tunnel) or TAP (Network TAP).
Network	Choose between using UDP or TCP to establish VPN
Protocol	connections. Default is UDP.
Pomoto Sorvor	When Operation Mode is set to <b>Client</b> , enter the Remote Server
Remote Server	address here.
Port	Specify the OpenVPN connection port. Default is 1194.
User	Enable or Disable Llear Authentication
Authentication	
Username	Enter the username to authenticate to the Remote Server.
Password	Enter the password to authenticate to the Remote Server.
Masquerade	
Traffic	

## 4.5.2. **OpenVPN Certificates**

#### Network Services > OpenVPN

	Apply all Changes
Masquerade Traffic	
Certificates	
CA (ca.crt)	1
KEY (client.key)	
CERT (client.crt)	
TLS (ta.key)	
DH (dh.pem)	

Item	Description		
CA (ca.crt)	Enter CA Certificate here.		
KEY	Enter Client Kowhere		
(client .key)			
CERT	Enter Client Certificate here.		
(client .crt)			
TLS (ta.key)	Enter TA		
DH (dh.pem)			

## 4.6. WiFi Schedule

This page configures the operating times for the WiFi function on the Antaira Access Point.

	mple*	Apply all Changes
Status Network Settings	Wireless Scheck Scheduling Options	duling
Network Services Router	Operating Times	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
SSH Dynamic DNS		Sun         0         1         2         3         4         5         6         7         8         9         10         11         12         13         14         15         16         17         18         19         20         21         22         23           Mon         0         1         2         3         4         5         6         7         8         9         10         11         12         13         14         15         16         17         18         19         20         21         22         23
PPTP Server OpenVPN		Tue 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
> WiFi Schedule Access Control		Wed       0       1       2       3       4       5       6       7       8       9       10       11       12       13       14       15       16       17       18       19       20       21       22       23         Thu       0       1       2       3       4       5       6       7       8       9       10       11       12       13       14       15       16       17       18       19       20       21       22       23
Wake on LAN		Fri         0         1         2         3         4         5         6         7         8         9         10         11         12         13         14         15         16         17         18         19         20         21         22         23           Set         0         1         2         2         3         4         15         16         17         18         19         20         21         22         23
Logout		

#### Network Services > WiFi Schedule

Item	Description
Operating	
Times	

## 4.7. Access Control

This page allows users to specify a time-frame of accessibility to the Antaira Access Point based on MAC Addresses.

#### Network Services > Access Control

	Apply all Changes 1
Status Network Settings	Access Control Clients with Control Settings
Network Services 1 Router	Client MAC Address 1 🖌 00:00:00:00:00 🗶
SSH Dynamic DNS PPTP Server OpenVPN WIFI Schedule Access Control Wake on LAN System Settings	Access Schedule       0       1       2       3       4       5       6       7       8       9       10       11       12       13       14       15       16       17       18       19       20       21       22       23         Sun       0       1       2       3       4       5       6       7       8       9       10       11       12       13       14       15       16       17       18       19       20       21       22       23         Mon       0       1       2       3       4       5       6       7       8       9       10       11       12       13       14       15       16       17       18       19       20       21       22       23         Mon       0       1       2       3       4       5       6       7       8       9       10       11       12       13       14       15       16       17       18       19       20       21       22       23         Wed       0       1       2       3       4       5       6       7       8
Item	Sat       0       1       2       3       4       5       6       7       8       9       10       11       12       13       14       15       16       17       18       19       20       21       22       23 <b>+</b>
Client MAC Address #	Enter a client MAC Address.
Access Schedule	Select

## 4.8. Wake on LAN

This page configures the Wake on LAN (WoL) for particular devices.

making connectivity simple				Apply all Changes (3)
Status	Wake on LAN			
Network Settings	Devices to wake			
Network Services 3				
Router	Device Name	MAC Address	Password	Wake on Boot
SSH	<ul> <li>Antaira</li> </ul>			- × ×
Dynamic DNS				
PPTP Server				
OpenVPN				
WiFi Schedule				
Access Control 2				
> Wake on LAN 1				
System Settings				
Logout				

#### Network Services > Wake on LAN

Item	Description
Device Name	Enter a Device Name.
MAC Address	Enter the target MAC Address.
Password	Enter the target password.
Wake on Boot	Enable or Disable Wake on Boot.

## 5. System Settings

## 5.1. Localization

This page configures the Language and Time Zone for the Antaira Access Point.

		Apply all Changes (3)
Status Network Settings	Regional Localisation Region Configuration	n
Network Services 3		
System Settings	Language	English
> Localisation	Time Zone	US/Pacific v
NTP		
SNMP		
Password		
Firmware		
Backup		
Packages		
Logout		

#### System Settings > Localization

Item	Description
Language	From the drop-down menu, choose the desired language.
Time Zone	From the drop-down menu, choose the desired time-zone.

## 5.2. NTP

This page configures the Network Time Protocol Server.

		Apply all Changes (3)
Status Network Settings	NTP Server	
Network Services 3		
System Settings	Server Address	pool.ntp.org
Localisation		
> NTP		
SNMP		
Password		
Firmware		
Backup		
Packages		
Logout		

#### System Settings > NTP

Item	Description
Server Address	Enter the name or IP Address of an NTP Server.



## 5.3. **SNMP**

This page configures the Simple Network Management Protocol.

	Apply all Changes
SNMP	
SNMP Parameters	
Access from WAN	Enabled
Access from LAN	Enabled
Access from EAN	
Device Location	uplink
Device Administrator	admin@example.com
Device Name	Antaira
	SNMP Parameters Access from WAN Access from LAN Device Location Device Administrator Device Name

#### System Settings > SNMP

Item	Description	
Access from WAN	Enable/Disable SNMP access from the WAN interface.	
Access from LAN	nable/Disable SNMP access from the LAN interface.	
Device Location	Enter a device location.	
Device Administrator	Enter an administrator email to receive SNMP alerts.	
Device Name	Enter a device name.	



## 5.4. Password

This page allows you to change the default Web User Interface password and session timeout.

		A	oply all Changes
Status	Change WebUI-Pass	word/Timeout	
Network Settings	Change WebUI Password		
Network Services			
System Settings	Current Password		<b>a</b>
Localisation	Now Password		
NTP	1161/1 0001010		
SNMP	Re-type Password		
> Password Firmware	WebUI Session Timeout		
Backup	Timeout (Minutes)	5	
Packages		·	
Logout			

#### System Settings > Password

Item	Description	
Current	Click the lock icon to change the current password	
Password	Click the lock con to change the current password.	
New Password	Enter a new password.	
Re-Type	Po-ontor the new password to confirm	
Password		
Timeout	Configure the session timeout in minutes. Default is 5 minutes.	
(Minutes)		

### 5.5. Firmware

The Antaira Access Point's firmware can be upgraded here. The device can also be rebooted and set to factory default settings.

				Apply all Changes
Status	Firmware			
Network Settings	Reboot Router			
Network Services System Settings	Initiate Reboot	🗘 Reboot		
Localisation	Reset to Factory Defaults			
NTP SNMP	Factory Defaults	Content to Defaults		
Password	Upgrade Firmware			
> Firmware				
Backup	Current Version	Antaira v3		
Packages				
Logout	Keep Settings	•		
	Firmware File	• Upload & Check	C Upgrade Firmware	

#### System Settings > Firmware

Item	Description	
Initiate Reboot	Reboots the Antaira Access Point.	
Factory	Posets the Antaira Access Point to factory default sottings	
Defaults	Resets the Antana Recess Forn to factory default settings.	
Current	Displays the current firmware version	
Version	Displays the current niniware version.	
Keep Settings	Choose to keep current settings when upgrading the firmware.	
Firmware File	Click Upload & Check to load a new firmware. Click Upgrade	
	Firmware to upgrade.	

## 5.6. Backup

Configurations can be downloaded as a backup file for later use or restoration. Restoring from a backup is also configured here.

System Settings > Backup		
<b>entaira</b> *		Apply all Changes
Status	Configuration Backup/Restore	
Network Services		
System Settings	Backup File <b>O Download</b>	
Localisation	Restore Configuration	
NTP		
SNMP	Backup File ③ Select Config File Restore	
Password		
Firmware		
> Backup		
Packages		
Logout		

Item	Description	
Backup File:	Download configurations and all configuration files into a .tar.gz	
Download	file.	
Backup File:		
Select Config	Select the configuration file to restore to.	
File		
Restore	Restore to the configuration file selected.	

## 5.7. Packages 5.7.1. Installed Packages

				Apply all Changes
Status	Packages			
Network Settings	Manage Packages			
System Settings	Installed	Add From Feed	Add Manually	
Localisation	Dackage		Version	
NTP	Fachage		VEISION	
SNMP				
Password				
Firmware				
Backup				
> Packages				
Logout				

#### System Settings > Packages > Installed

Item	Description
Installed	

### 5.7.2. Add from Feed

System Settings > Packages > Add From Feed

entaira*		Apply all Changes
Status Network Settings	<b>Packages</b> Manage Packages	
Network Services System Settings	Installed Add From Feed Add Manually	
Localisation NTP	Package	C
SNMP Password	<u> </u>	2
Firmware Backup		
> Packages Logout		
Item	Description	
Add from Feed		

## entaira

## 5.7.3. Add Manually

				Apply all Changes
Status Network Settings	<b>Packages</b> Manage Packages			
Network Services				
System Settings	Installed	Add From Feed	Add Manually	
Localisation NTP	Please select an opgk file	to be uploaded and installed.		
SNMP Password	Package File	③ Select Package	Add Package	
Firmware				
Backup				
> Packages				
Logout				

#### System Settings > Packages > Add Manually

Item	Description
Select	
Package	
Add Package	



## 5.8. Logout

Click the Logout button to logout of the Antaira Access Point.