Version 3.24.10 V

# IpAlarm Module Set Up VirtuAlarm model

Note: This device is shipped configured for Ethernet connectivity. To use in this mode, connect the BLUE Jack (marked WAN) to your router and wait at least 10 minutes for possible software updates.

The RED power LED will illuminate when power is connected.

The YELLOW LED will illuminate when Ethernet connectivity is detected.

The two BLUE LEDs will illuminate when WIFI is detected, (but not necessarily connected.)

The GREEN LED will illuminate when the unit connects to the VirtuAlarm server.

The WHITE LED illuminates when off hook condition is detected.

NOTE: When the unit is downloading software updates, the GREEN LED will rapidly flash. DO NOT POWER DOWN the unit while the GREEN LED is FLASHING.

Wait for the LEDs' stabilize.

Then go to page 4. "Connecting to Alarm Panel."

To configure for Wi-Fi, follow the instructions below.

## Getting Started (What you will Need):

Before getting started, you will need the name of your Wi-Fi network (SSID) and the password for your Wi-Fi network.

For the setup process, it is not necessary to be next to the alarm panel for the first steps. In fact, it is recommended that you use a computer or laptop to complete the steps connecting the module to your WIFI network as the larger screen makes the setup process easier.

## SETTING UP WIFI SETTINGS

Connection to power:

Page 1

Using **ONLY** the power adapter that is supplied with the IpAlarm module, connect the power plug to the round connector on the IpAlarm module. (You will hear a beep as the unit powers up.) To power from your alarm panel, see "Panel Wiring Setup."

A **RED** LED closest to the POWER jack will illuminate when the module has power.

#### Connecting to the IpAlarm module:

From a smart phone, computer, or tablet, open your Wi-Fi settings and look for the Wi-Fi signal from the IpAlarm module. The Wi-Fi name/SSID will be ipalarm\_xxxxx, where xxxxx is the last 6 digits of the MAC address printed on the sticker on the bottom of the IpAlarm module. (If you see the Wi-Fi name ipalarm\_INIT, please see reset instructions on the addendum/last page.)

Choose this WI-FI connection.

Password: ipalarmwifi (all lower case)

Open an internet browser and enter <u>192.168.251.254</u> in the address bar.

When the login screen appears:

Enter user name: admin

The following page will appear:

iPAlarm.			
IF Alami-			(>+4) Operating Mode/k
perative Status ≫	Operative Status	opyright	
NAN Settings	Sector Info		
	Device Name	195001	
AN Settings	Bardware Tersion	1583.0	
	Software Version	2.0.21.28.31 ( Dec 28 2016 )	
ANTI Settings	Operation Node	Bouter	
	System Uptime	1 min, 31 secs	
	845		
niem seurige	WAC Address	00:17:13:10:36:58	
	Connected Type	28CP	
	IP Address		
	Primary Domain Name Server		
	Secondary Domain Name Server		
	Lavi		
	MAC Address	00:17:13:10:36:58	
	DRCP On Orlf	dn .	
	Local IP Address	192, 168, 251, 254	
	Subset Mask	255, 255, 255, 0	
	INCP CLients		
	Routane	NAC Address	IP Address
	DESKTOP-OEINOR.	08:04:00:14:81:81	197, 168, 214, 199

Sma	rtphon	e Sci	eer	nshot	
192.	168.251.254	° 4 3/‰∎ ) C			
Operative Status	Copyright Declarati	on			
System Info					
Device Name	VPS001				
Hardware Version	VER3.0				
Software Version	2.0.21.28.31 ( De	c 28 2016)			
Operation Mode	Router				
System Uptime	1877 hours, 31 m	iins, 56 secs			
MAC Address	00:17:13:1D:26:4	3			
Connected Type	DHCP				
IP Address	192.168.253.101				
Primary Domain Name Server	192.168.253.254				
Secondary Domain Name Serv	or 192.168.253.254				
LAN					
MAC Address	00:17:13:1D:26:4	0			
DHCP On/Off	On	On			
Local IP Address	192.168.251.254	192.168.251.254			
Subnet Mask	255.255.255.0	255.255.255.0			
DHCP Clients					
Hostname	MAC Address				
AlexLaptop	48:D2:24:0B:28:B8				
alex-iphone	80:BE:05:32:56:1F		TATA P	22:09	1 8 40
Current Hotspots Into				192.168.251.254	
SSID	ipalarmwifi				
MAC Address	00:17:13:16:59:54	-iPAlam		n-	0.
Security Mode	WPA2PSK		-117-00111-		Operating Made
Encryption Type	AES		Operative Status		
Channel	7				
Connection Status	Connect		WAN Settings		
Hotspots Memory List			LAN Setting	•	
SSID	MAC Address	Security N	WIFi Setting	•	
< >	Δ M	D	System Set	ings	

UPDATE: all units now have a unique SSID password.

If you do not see the menu on the left, Click **MAIN PAGE** at the bottom of the page (you may have to scroll down to the bottom).

Click WAN Settings, The following page will appear:

PC Screenshot

Smartphone Screenshot

Page 2

Enter Password: admin

See readme file for retrieval instructions.

-iPAlarm-				**** ATAT T	22:09 1
7 dann			(IDENTIFY Operating Mode:Router	11	2.168.251.254
ove Status	Basic Settings	DDNS		Basic Settings	DDNS
N Settings >>	EIS Connection True			WAN Connection Type	
	Connection Type	W1F1 ~		Connection Type	(WPI
AN Settings	Reacts Management	Obisable Staable		Remote Management	Obsable OEnabl
i Settings	RUTL Mode				
	5110	ipelarevifi		Will's Mode	
tings	WAC Address	00:17:13:00:00:00		\$5ID	ipalarmeiti
	Security Mode	NFL/PSI		MAC Address	00.17.13.1e.f9.54
	Encryption Type	AES .		Security Mode	WPA2PSK
	Connection Status	2 Bisconnet		Enchotion Type	AES
	for Resources			Channel	7
	and class.	Conversion Conversion		Connection Status	Connect
	WAC Address	Get PC NAC		Scan Hotspots	Scan Hotspots
			Andr Canvel	MAC Clone	$\sim$
			Contra Canton	MAC Address	

At the top of the screen you will see a drop down window "Connection Type"

It will show "DHCP (Auto Config)"

Click on the drop down window arrow

Choose "(WIFI)"

Click <Scan Hotspots>.

A window will open listing available WIFI networks.

Click on the WIFI network that you wish to connect with.

Click <Next>.

A window will open as follows:

PC Screenshot		Smartphone Screenshot
-iPAlarm-	(1944) Antonio	192.168.251.254 C
forestive Prairie	Bulic Settings   BPL Search   BPL Clear   BRC Beller	Basic Settings WiFi Security W
Pak Bertinger	Manual Mathematica	Security Settings
LES BOTTOM	Receive Relation Relation Relation	Security Mode WPAPSK-WPA2PSK
	Desce division between second to second behavior	WPA Algorithms TKIP-AES
t-mailed and the	De configuration parameters of DPs reporter sensibly in configuration with source integer No. Reporter III. / Instance 12000	Source wireless hotspot password palarmwti
		Automatic connect to memory hotspots
		The configuration parameters of WiFi repeat source hotspot
		WiFi Repeater SSID (jpatarm_102640

Enter your selected Wi-Fi password in the space next to "Source wireless hotspot password"

If the box next to " $\Box$  The configuration parameters of WiFi repeater security is synchronized with source hotspot" is checked, de select this option by clicking on the check and the mark will erase.

Click <Apply>.

You will see the message "The configured parameters have saved successfully". (If you do not see this, click <Apply> again.)

Confirm that the information on screen is correct.

Click on "Reboot"

Wait for the unit click and the LEDs' to stabilize. This will take approx. 2 minutes.

Disconnect the power from the IpAlarm Module and Wait 30 seconds.

Then power the module up.

NOTE: wait for the 2 **BLUE** and the 1 **GREEN** LED's to illuminate, before continuing to the next step.

This will take 3 minutes while the module self-checks and connects to our server. If a software update is available, the module will automatically download the latest version. This may take up to 5 minutes. If the **GREEN** LED is flashing rapidly and consistently, a SOFTWARE update is underway.

When the **GREEN** LED is on solid, the update is complete, and the unit is ready for the next step.

Your module is now connected to your WIFI connection.

#### **CONNECTING TO THE ALARM PANEL**

Take your module to next to your alarm panel.

Connect the power supply to the module.

Remove the RJ31X or RJ11 plug (looks like a phone or network plug) that connects your alarm panel to the phone line (if it is connected) and connect it to the RED-outlined jack on the IpAlarm module.

**DO NOT** connect this cord to the **BLUE**-outlined jack.

Congratulations, your module is now connected to your alarm panel and router and able to send alarm signals.

To test alarm functionality, follow the instructions from your alarm company to send and confirm test signals.

# Addendum

#### WIFI SSID = ipalarm INIT

Choose this WiFi connection - ipalarm\_INIT.

Password: ipalarmwifi (all lower case)

Open an internet browser and enter <u>192.168.251.254</u> in the address bar.

You will see this screen:

PC Scre	enshot
Rescovery Factory	_
Recovery Factory Button	Reset

Smartphone Screenshot					
Equipmen	t To Restart	Recovery Factory	Log		
Restart Device					
Restart Button		Restart			
Main Page	Refresh	Quit			

Click <Restart>.

Unplug the device for 30 seconds.

Re-start directions from the beginning.

#### Status LEDs'

Starting closest to POWER JACK

- RED POWER
- YELLOW LAN connected
- BLUE WIFI
- BLUE WIFI
- **GREEN** SERVER CONNECTED
- WHITE OFF HOOK

#### **Reset button**

On side panel closest to power connector.

Press for 5 seconds, to restore module to factory defaults.

#### Changing the Login Username and Password

Login to the IpAlarm module Go to the Main page Click on System Settings Click on Login Settings (at the top right of the page) Follow the on-screen instructions.

#### Configuring back to Ethernet, factory reset.

With the unit powered up and stabilized, press the reset button, located on the side of the module, (close to the power jack, on the right hand side) for 10 seconds then release.

Wait 2 minutes, then power the unit down for 10 seconds and power back up.

Follow instructions at the beginning of this document.