

Deliberant APC

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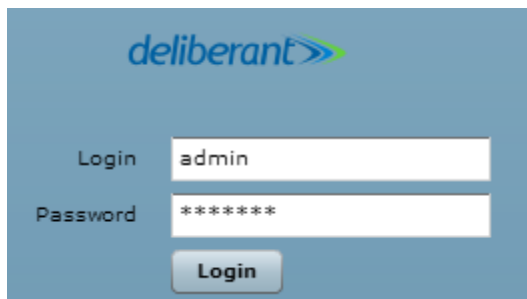
Configure your PC with a static IP address on the 192.168.2.0 subnet (i.e. 192.168.2.10) with a mask of 255.255.255.0.

Connect the APC Ethernet interface into the same physical network as your PC.

Wait a few minutes for the AP to boot-up.

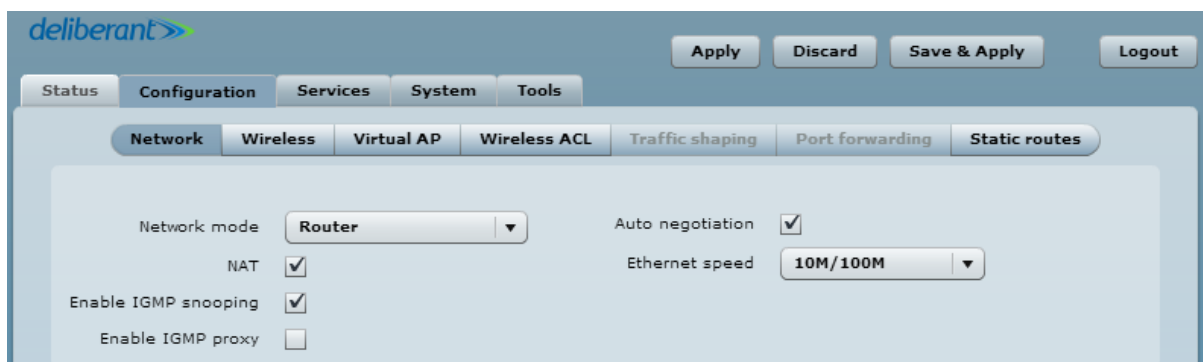
Open a web browser and type **http://192.168.2.66** in to the address bar

The default username is "**admin**" and the password is "**admin01**" (unless you have changed these prior)



The image shows the login page of the Deliberant web interface. It has a blue header with the 'deliberant' logo. Below the logo, there are two input fields: 'Login' with the text 'admin' and 'Password' with asterisks. A 'Login' button is positioned below the password field.

Click on "**Configuration**" tab on the top menu and then select "**Network**" from the sub menu below.



The image shows the 'Configuration' page of the Deliberant web interface, specifically the 'Network' sub-menu. The top navigation bar includes 'Status', 'Configuration', 'Services', 'System', and 'Tools'. The 'Configuration' tab is active, and the 'Network' sub-tab is selected. The page contains several settings: 'Network mode' is set to 'Router' (dropdown), 'Auto negotiation' is checked, 'Ethernet speed' is set to '10M/100M' (dropdown), 'NAT' is checked, 'Enable IGMP snooping' is checked, and 'Enable IGMP proxy' is unchecked. At the top right, there are buttons for 'Apply', 'Discard', 'Save & Apply', and 'Logout'.

On the "**Network Mode**" drop down menu, select "**Router**"

Still on the **Configuration** tab, select "**Wireless**" from the sub menu and set the **SSID** to whatever wireless network name (SSID) you wish to broadcast

On the **Security** section, click the "**Security**" drop down menu, and choose "**UAM**"

Wireless mode		Access Point (auto WDS) ▼		Country		GB	
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Basic

SSID		Venue WiFi		IEEE mode		B/G/N mixed ▼	
Broadcast SSID		☒		Channel width		20/40 MHz ▼	
				Channel		Auto	
						Channel list	

Security

Security		UAM ▼					
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RADIUS settings

NAS ID		wifi		WISPr Location name			
RADIUS server 1		192.168.1.100		WISPr Location ID			
RADIUS server 2				Operator name			
RADIUS secret		*****		Network name			
RADIUS Auth port		1812		ISO country code			
RADIUS Acct port		1813		E.164 country code			
RADIUS WEB page type		External ▼		E.164 area code			
UAM login page		http://192.168.1.100:8080/		WISPr default max bandwidth			
UAM welcome page				Download, kbps			
Redirect blacklisted page to page				Upload, kbps			
UAM logout page							
UAM secret		*****					
UAM config auto update		☐					
UAM config URL		http://					
Update mode		Interval ▼					
Time (hh:mm)		01:00					
View config		View					

Enter the following settings:

- **Radius Server 1:** *insert radius_server here*
- **Radius Server 2:** *insert radius_server2 here*
- **Radius Secret:** *insert radius_secret here*
- **Radius Auth Port:** 1812
- **Radius Acct Port:** 1813
- **Radius Web Page Type:** External
- **UAM Login Page:** *insert access_url here*
- **UAM Secret:** *insert uam_secret here*

The screenshot shows a network configuration interface with the following sections:

- Interface IP address:** 10.1.0.1
- Data encryption settings:** Security dropdown set to **Open**.
- DHCP server settings:**
 - Network: 10.1.0.0
 - Subnet mask: 255.255.255.0
 - DNS server 1: 10.1.0.1
 - DNS server 2: (empty)
- White/Black list:**
 - W/B list auto update: ☐
 - W/B list URL: http://
 - Update mode: Interval (dropdown)
 - Time (hh:mm): 01:00
 - View W/B list: View button
- White list table:**

Host/IP address	Notes
www.google.com	
www.google.co.uk	
google-analytics.com	
- Black list table:**

Host/IP address	Notes
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Below the tables are '+' and '-' buttons for adding and removing entries.

DHCP Server Settings:

- **Interface IP Address:** 10.1.0.1
- **DHCP Server:** 10.1.0.1
- **Subnet Mask:** 255.255.255.0
- **DNS Server 1:** 10.1.0.1

On the **White list** section add the following (clicking the + to add entries)

insert access_domain here

www.google.com

www.google.co.uk

google-analytics.com

venuewifi.com

openweathermap.org

cloudfront.net

If you wish to support social network logins, you also need to add the domains below for each network you plan to support

Facebook	Twitter	LinkedIn	Google	Instagram
facebook.com			googleusercontent.com	
fbcdn.net	twitter.com	linkedin.com		
		licdn.net	googleapis.com	instagram.com
akamaihd.net	twimg.com	licdn.com	accounts.google.com	
connect.facebook.net			gstatic.com	

- Click on **Apply & Save**, then restart the device.