

GGM WCAP100 – CENTRALIZED WIFI CONTROLLER

4 Ports Lan 10/100/1000, 1 WAN

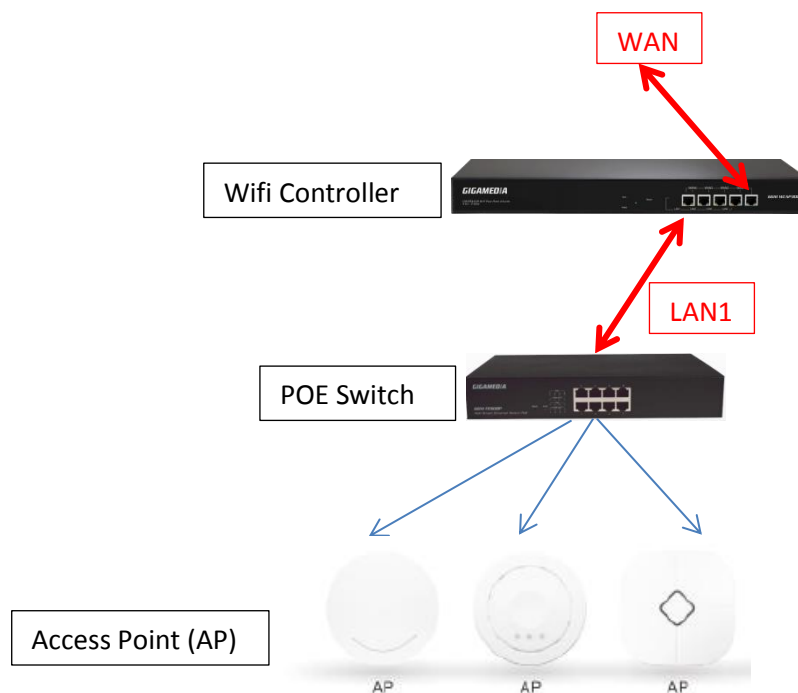
Quick Guide



1- Diagram / How to use WIFI Controller

The Wi-Fi controller allows the deployment and the easy and fast management of several Wifi access points (AP) in your network.

Wireless network management includes real-time control of Access Point (AP) status, quality of service, and enhanced security policy.



2- Quick Installation

Connect your PC with the LAN Port then login Web Management with Internet Explorer
You must configure your PC with a fixed IP address 192.168.10.X (X between 2 and 253)



IP Address by default (LAN): <http://192.168.10.1>

Identification: **admin**

Password: **admin**

Choix	SN	Zone	Modèle	Périphérique IP	Périphérique MAC	Utilisateur	Version	Canal	Heure en ligne	Groupe	Config
<input type="checkbox"/>	1		XD770	192.168.200.20	44D1FA0C9188	1	V2.0	6/149	1Day 21:19:44	GROUP_NAME1	✓
<input type="checkbox"/>	2		CPE830	192.168.200.49	78D38DFE0790	0	V2.0	7	1Day 21:21:10	GROUP_NAME1	✓
<input type="checkbox"/>	3		XD3200	192.168.200.138	78D38DF7F599	0	V2.0	7/153	1Day 21:19:25	GROUP_NAME1	✓

LAN Settings: Tab Gateway then LAN, to modify IP Parameters

Adresse IP: 192 . 168 . 10 . 1

Masque de sous-réseau: 255 . 255 . 252 . 0

Serveur DHCP: Activer Désactiver

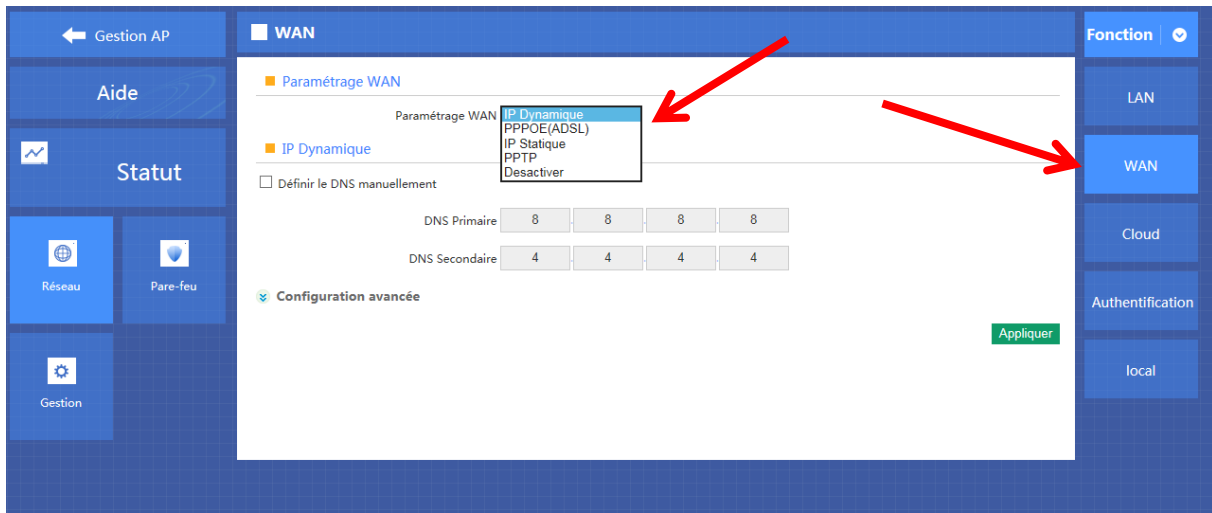
Nombre d'IP en DHCP: 192 . 168 . 10 . 1

Délai d'allocation DHCP: 86400 Plage:(300-864000)s

IP	MAC
192.168.10.22	10:02:B5:41:12:07
192.168.10.44	10:02:B5:41:12:07
192.168.10.59	F8:CA:B8:4B:FE:2D
192.168.10.78	B0:89:00:95:02:DB

WAN Settings

Please choose your WAN Settings according to your connection Mode:



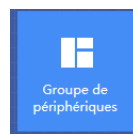
Manage and integrate Access Point (AP)

2 methods :

- a) By Groupes
- b) Zero Config

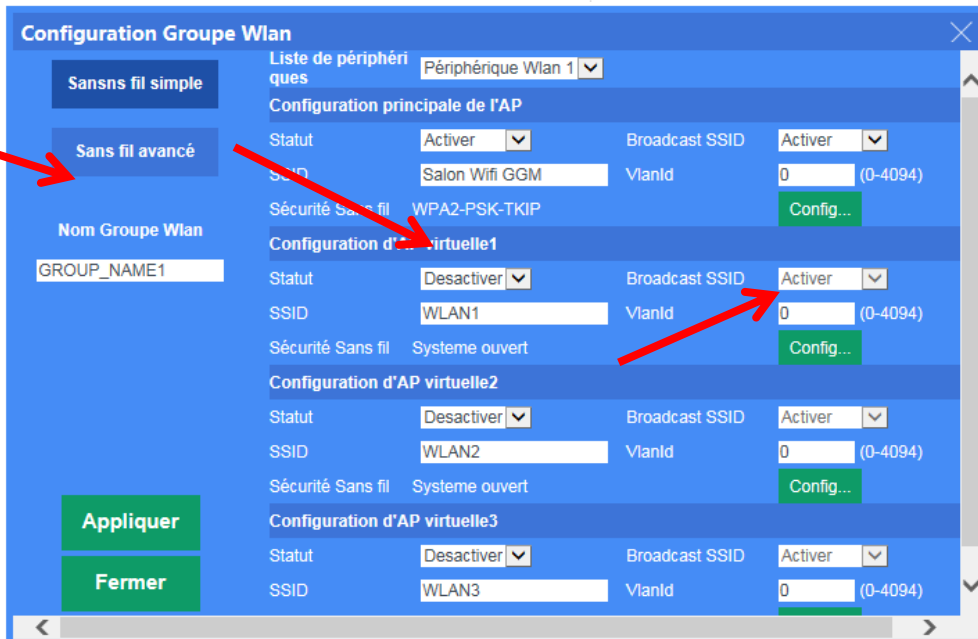
a) Creation of one or more groups

Go to Device Group and click New to add a group



To modify group, click to






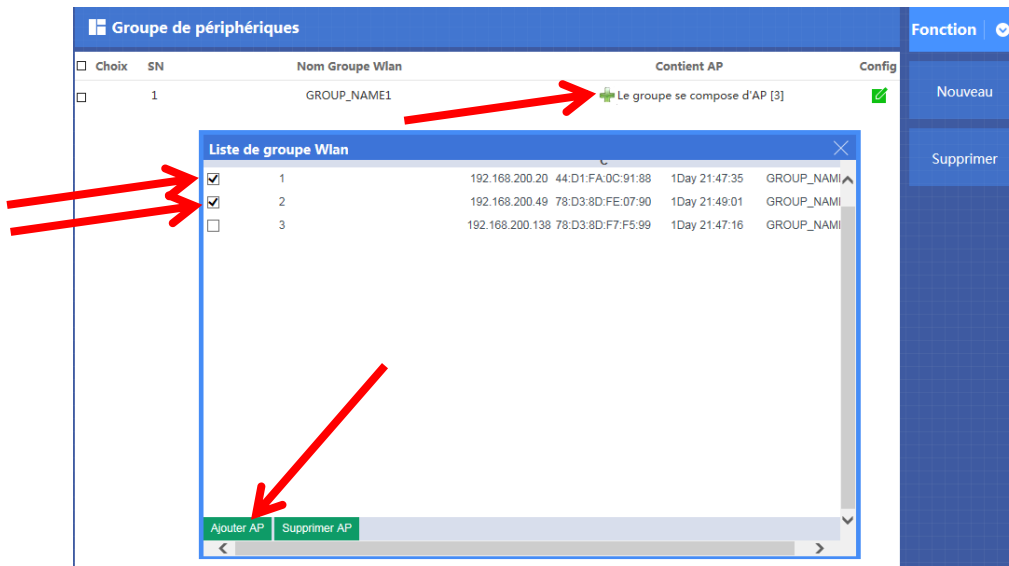
Customize your Wifi Settings for this group :

Status: Enable

SSID: Name of your Wifi

Security: Add a security Key

Add one or more Access Points: Click on 



- Select one or more Access Points to integrate
- Click on Add AP

b) Zero Config - Function Wireless Plug & Play

Zero Config function is the same as creation of groups.

Settings in **Zero Config** will be the same for all Access Points connected. (Same SSID, same Password, same channel).

Attention : it is recommended, first, to set the **Zero Config** before connecting all Access Points.



If not, configuration of Access Points will be enable after restarting it

Manage Access Point

Here, you can use those functions:

- IP Filtering
- Port Filtering
- MAC Filtering
- QoS and Bandwidth Management

Go to Gateway then Firewall

The screenshot displays the 'Filtrage IP/Port' configuration page. The left sidebar contains navigation options: 'Gestion AP', 'Aide', 'Statut', 'Réseau', 'Pare-feu' (highlighted with a red arrow), and 'Gestion'. The main content area is titled 'Filtrage IP/Port' and includes a dropdown for 'IP/Filtrage de Ports' set to 'Fermer'. Below this are input fields for 'Plage IP' (192.168.10. - 192.168.10.), 'Protocole' (TCP+UDP), 'Plage de Ports' (empty), and 'Marque' (empty). A note indicates 'Nombre de règles Max : 200'. Action buttons 'Ajouter', 'Supprimer', 'Annuler', and 'Appliquer' are present. A table below shows columns for 'Plage IP', 'Plage de Ports', 'Protocole', and 'Marque'. On the right, a 'Fonction' menu lists 'Filtrage IP/Port', 'Filtrage MAC', 'Filtrage URL', 'NAT/PAT', and 'DMZ', with the first three highlighted by red arrows.

For QoS, go to Manage then QoS