

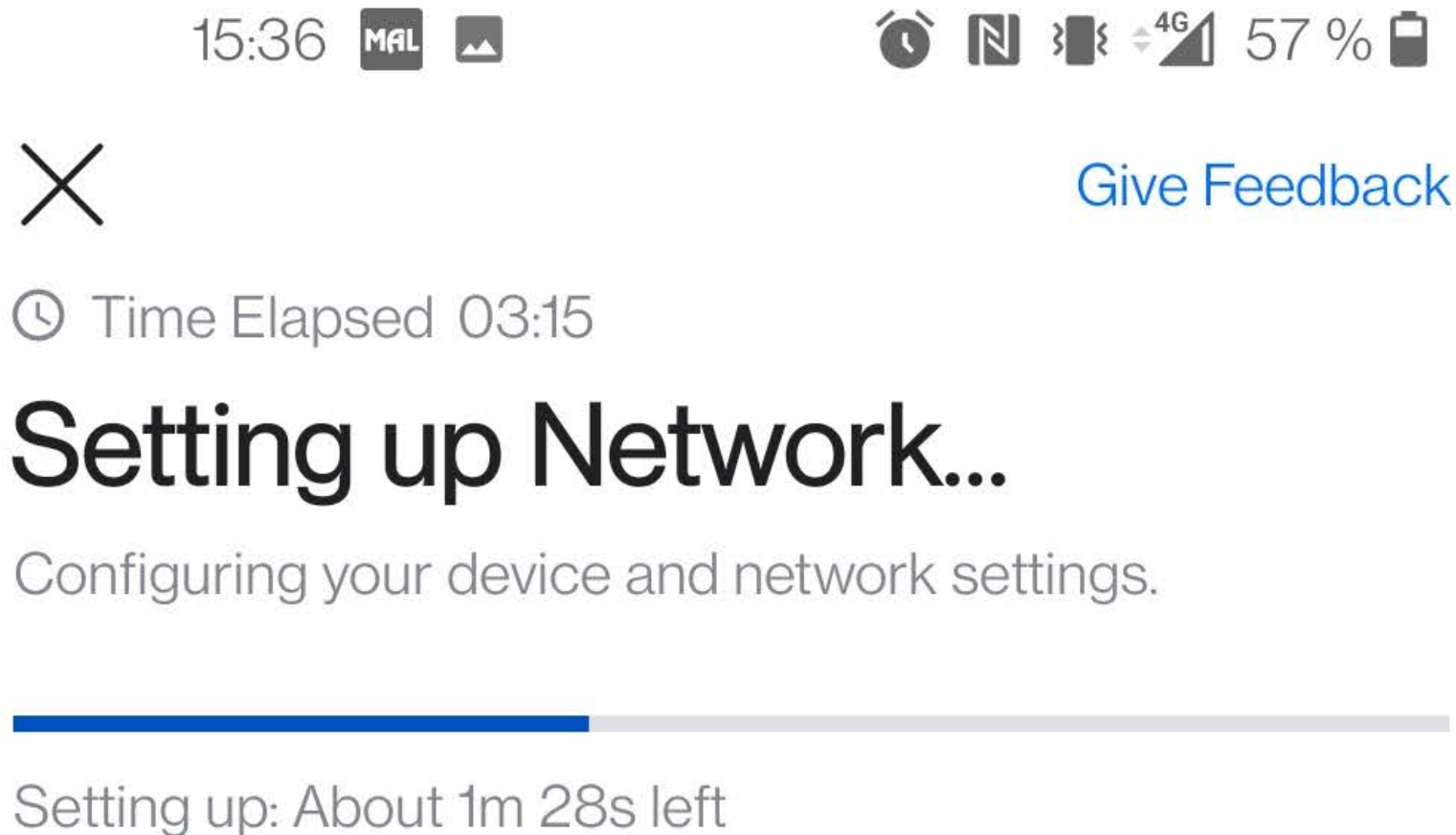
Configuration Unifi UDM PRO

Procédure concernant l'installation et la configuration d'un UDM PRO pour nos clients (ici exemple MAYER PREZIOSO)

Pour commencer il faut brancher électriquement l'UDM pour le démarrer (pas de bouton d'allumage)

Brancher ensuite un câble ETHERNET sur le port prévu à cet effet (port 9).

Lancer ensuite l'application UNIFI NETWORK et vous devrez voir un nouvel appareil détecté :





On vous demande ensuite de renseigner le nom de l'appareil puis de continuer.

Par la suite on nous demande de choisir entre une utilisation Personnelle ou Professionnelle :




[Give Feedback](#)

🕒 Time Elapsed 01:53

Select a setup type

Your Dream Machine Pro will be optimized to best suit your needs



Personal



Business

Business Type

Business Type

I prefer not to specify



Business Size

I prefer not to specify



[← BACK](#)

[NEXT →](#)

Il faut ensuite relier l'appareil au compte MIAP :

15:34 

    57 % 



[Give Feedback](#)

 Time Elapsed 00:53

Sign in with your UI.com

Account

Your UI.com Account will be used for access and authentication to this controller. This allows you to manage everything for Ubiquiti in one place.



Laurent LE COQ

miap

[Choose a different account >](#)

[← BACK](#)[NEXT >](#)

Il faut laisser cocher "Optimiser le réseau automatiquement" :

15:35 MAL     57 % [Give Feedback](#) Time Elapsed 02:04

UniFi Network Setup

Basic configuration for your network.

Auto-Optimize Network



UniFi Network automatically detects and sets the most

commonly missed, but vital, settings for improved WiFi and network performance.

Send Diagnostics & Performance Info



Help Ubiquiti developers improve UniFi. Diagnostic data will be sent to Ubiquiti.

 **BACK**

NEXT 





On nous demande de faire un test de connexion et tout est bon on peut passer sur ordinateur.

Se rendre sur <https://unifi.ui.com/dashboard> et sélectionner l'UDM en question car il y a plusieurs paramètres à appliquer.



Dans le menu de l'appareil, sélectionner "System settings" :

<https://miainformatique.wiki.zoho.com/Configuration-UDM.hlp>

 | • Dream Machine Pro MAYER 2

 Network Version 6.2.25	 Protect Version 1.17.4	 Access + Set Up	 Talk + Set Up BETA
---	---	--	--



 Manage Users Manage Users	 System Settings Version 1.9.3
--	--

Aller ensuite dans "Updates" et mettre à jour le firmware de l'appareil et des applications "Network" et le reste si besoin

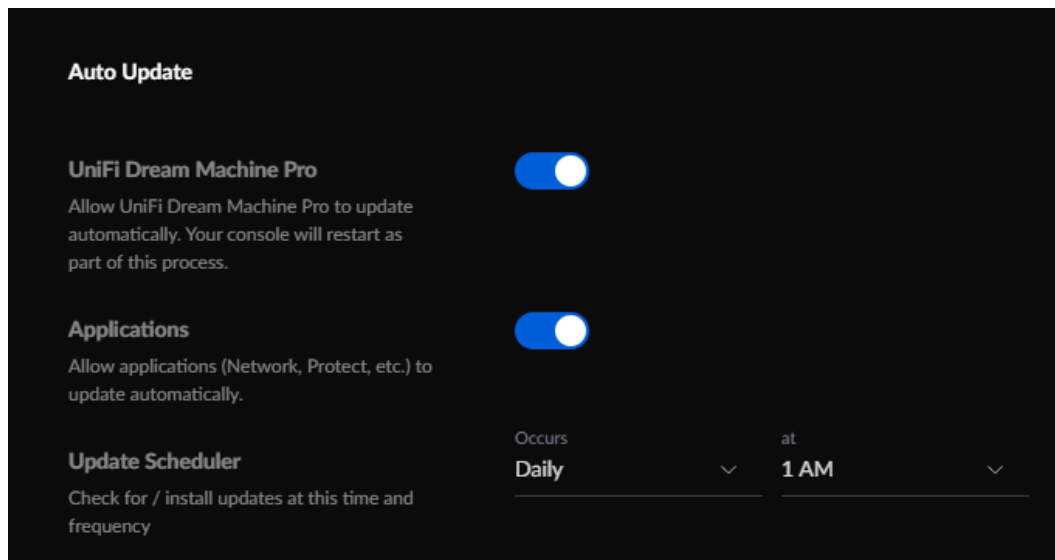
The screenshot displays the UniFi UDM PRO configuration interface. On the left, a sidebar contains navigation options: General, Updates (highlighted in blue), Location / Time, and Advanced. The main content area is titled "Dream Machine Pro MAYE...". It features a hardware image of the device and a table of update information:

Status	Up to Date
Firmware Version	1.9.3
Last Checked	June 14, 2021 at 2:02 PM
Release Channel	Official

Below this, four service cards are shown, each with its own update status and an "Update" button:

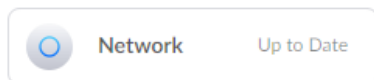
- Network**: Status Up to Date, Version 6.2.25, Release Channel Release.
- Protect**: Status Update Available, Version 1.17.4, Release Channel Release.
- Access**: Status Update Available.
- Talk** (BETA): Status Update Available.

Après les mises à jour il est conseillé de redémarrer l'équipement afin d'appliquer les modifications (si cela n'est pas demandé au préalable) et activer les mises à jour automatiques.



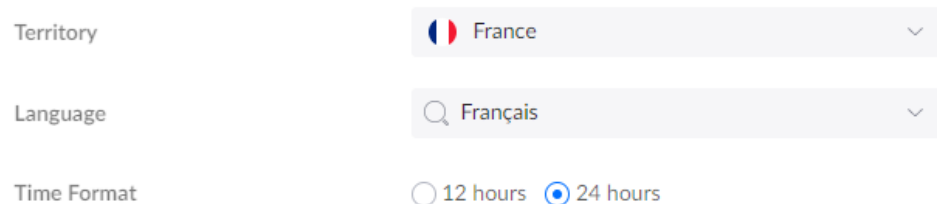
Maintenant tout est dans Network

Applications



Changer l'interface pour revenir sur l'ancienne dans Settings --> System Settings --> New User Interface (à décocher) puis appliquer les changements

Changer la langue dans Settings --> System



Créer un réseau sans fil pour pouvoir y lier la/les bornes Wifi dans Réseaux sans fil --> Créer un nouveau réseau sans fil

NAME ^	NETWORK ^	AP GROUPS ^	CLIENTS (PEAK) ^	AUTHENTICATION ^	WIFI EXPERIENCE ^
Azcom	Default	All APs	4 (7)	WPA Personal	76%
+ Create New WiFi Network					

Name

Password ⓘ
Must have at least 8 characters.

Network

Broadcasting APs ⓘ

	NAME ^	MODEL ^	IP ADDRESS ^	WIFI EXP. ^
<input checked="" type="checkbox"/>		All APs (1 APs)		
+ Create New Group				

Advanced Configuration

Auto **Manual**

- WiFi Band 2.4 GHz 5 GHz ⓘ
- WiFi Type Standard Guest Hotspot
- Band Steering ⓘ Enable
- Bandwidth Profile ⓘ

Default ▼

[+ Create New Bandwidth Profile](#)
- Multicast Management [▼ Show options](#)
- Client Device Isolation ⓘ Enable
- Proxy ARP ⓘ Enable
- BSS Transition ⓘ Enable
- UAPSD ⓘ Enable
- Fast Roaming ⓘ Enable
- 802.11 DTIM Period ⓘ Auto

2.4 GHz	5 GHz
1 ⬇ ⬆ ⬇	3 ⬇ ⬆ ⬇
- Minimum Data Rate Control ⓘ Auto

Security

- Security Protocol ⓘ Open WPA2 WPA2 Enterprise WPA2/WPA3 WPA3
 WPA3 Enterprise
- PMF ⓘ Required Optional Disabled
- Group Rekey Interval ⓘ Enable
- Hide WiFi Name Enable

Changer le réseau de l'appareil en 192.168.30.0/24 dans System --> Networks --> Défaut

NAME ^	ROUTER ^	SUBNET ^	IP LEASES ^	INTERNET ^	BACKUP ^
● Default	PAPI UDM Pro	192.168.30.0/24	19 (249)	Default (WAN1)	-

[+ Create New Network](#)

Network Name:

Router: VLAN-only Network

Gateway IP/Subnet: Auto Scale Network

Host Address: Netmask:

[Auto Generate](#)

GATEWAY IP ⓘ	BROADCAST IP ⓘ	USABLE IPS	IP RANGE	SUBNET MASK
192.168.30.1	192.168.30.255	249	192.168.30.6 - 192.168.30.254	255.255.255.0

Advanced Configuration

Auto

Manual

Network Type

 Standard
 Guest Network
Content Filtering [i](#)
 None
 Work [i](#)
 Family [i](#)
IGMP Snooping [i](#)
 Enable
Multicast DNS [i](#)
 Enable

DHCP

DHCP Mode

DHCP Server ▾

DHCP Range

Start	Stop
192.168.30.6	192.168.30.254

DHCP Guarding [i](#)
 Enable

DHCP Service Management

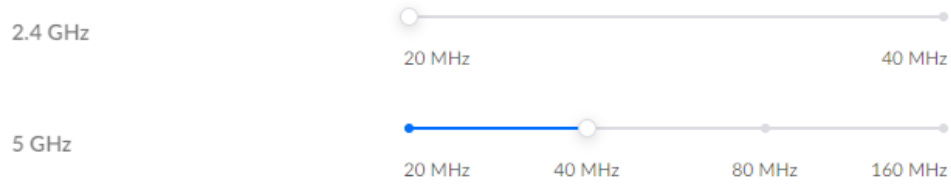
▾ Show options

Dans setting --> system --> Wifi créer un nouveau réseau Wifi

NAME ▾	NETWORK ▾	AP GROUPS ▾	CLIENTS (PEAK) ▾	AUTHENTICATION ▾	WIFI EXPERIENCE ▾
ⓘ ● WiFi_PAPI	Default	All APs	0 (3)	WPA Personal	N/A
+ Create New WiFi Network					

Global AP Settings

Channel Width ⓘ



Transmit Power ⓘ


2.4 GHz	Auto
5 GHz	Auto

AP Exclusions ⓘ	Select
------------------------------	--------

AP Site Settings

- Wireless Meshing ⓘ Enable
- New Device Auto-Link ⓘ Enable

Activé les notification en "custom" dans settings --> system



Network Notifications

Manage notifications related to your UniFi Network Setup.

[^ Configure Custom Settings](#)

Off
Default
Custom

Firmware Update Status Push Notification Email

New firmware updates can be installed.

UniFi Device Discovery Push Notification Email

A UniFi device was detected or was adopted successfully.

UniFi Device Connection Push Notification Email

A UniFi device has disconnected or reconnected.

Backup Internet Connection in Use Push Notification Email

The UniFi gateway is using a backup Internet connection due to a primary connection disruption.

Backup Power in Use Push Notification Email

UniFi devices are being powered by a USW Mission Critical.

Unassigned Device IP Addresses Push Notification Email

Your gateway is not assigning IP addresses to connected devices.

U-LTE Limit Warnings Push Notification Email

The U-LTE has reached or exceeded its monthly limit

Rogue Access Point Detection Push Notification Email

A third-party access point near your UniFi device is broadcasting your network's WiFi SSID.

Smart Devices in Use Push Notification Email

A SmartPower Plug or Strip restarted a device

Threat Detection and Prevention Push Notification Email

Threats have been detected or blocked on your network

Advanced Notifications

Network Client Connection Change Notification Page Push Notification Email

VPN Client Connection Change Notification Page Push Notification Email

Hotspot Client Connection Change Notification Page Push Notification Email

Access point has changed channels	<input type="checkbox"/> Notification Page	<input type="checkbox"/> Push Notification	<input type="checkbox"/> Email
AP detected radar on one of the channels	<input type="checkbox"/> Notification Page	<input type="checkbox"/> Push Notification	<input checked="" type="checkbox"/> Email
A blocked client tried to connect to network	<input type="checkbox"/> Notification Page	<input type="checkbox"/> Push Notification	<input checked="" type="checkbox"/> Email
Issue with your DNS server	<input type="checkbox"/> Notification Page	<input type="checkbox"/> Push Notification	<input checked="" type="checkbox"/> Email
Issue with your RADIUS server	<input type="checkbox"/> Notification Page	<input type="checkbox"/> Push Notification	<input checked="" type="checkbox"/> Email

Activé le WiFiman dans Settings --> System

WiFiman Enable

Activé les mises à jours automatiques des équipements dans settings --> System ----> Update

Device Auto Updates ⓘ Off On

Activé l'Auto Backup dans Settings --> System -- Backup

Auto Backup

Auto Backup Enable

i It is specifically a Network Application backup, and we recommend using the [console backup](#).

Schedule Daily Weekly Monthly

On date Time

Maximum Number of Files

Data Retention Days

Désactiver le SSH dans Settings --> System --> Network Device SSH Authentication

Network Device SSH Authentication

Device SSH Authentication **i** Enable


Activer le serveur de courrier dans Settings --> System --> Other Configuration

Mail Server **i** Off Cloud Custom

Dans Settings --> Traffic Management activer Device Identification et Traffic Identification


Traffic & Device Identification

Device Identification  Enable


Traffic Identification  Enable

Dans Setings --> Firewall & Security activer "Threat management" en "Detect only" et avec la "System sensitivity" sur "High"

Threat Management  Off Detect Only Detect and Block

 Enabling Threat Management may reduce maximum throughput speeds.

System Sensitivity  Low Medium High Custom

 35 of 35 Threat Categories Enabled

Après tout ce paramétrage il est l'heure d'adopter les différentes bornes WIFI:

Brancher l'alimentation de la borne, brancher un câble ETHERNET sur le port PoE vers la borne, un autre câble du port LAN à l'UDM
La borne va clignoter et la LED va se stabiliser en BLANC

Sur l'application, il faut aller dans Appareils et on voit la borne comme ci-dessous :



Tous

Sans-fil

Filaire



Dream Machine Pro MAYER 2

UDM-Pro

1 GbE

2j 19h

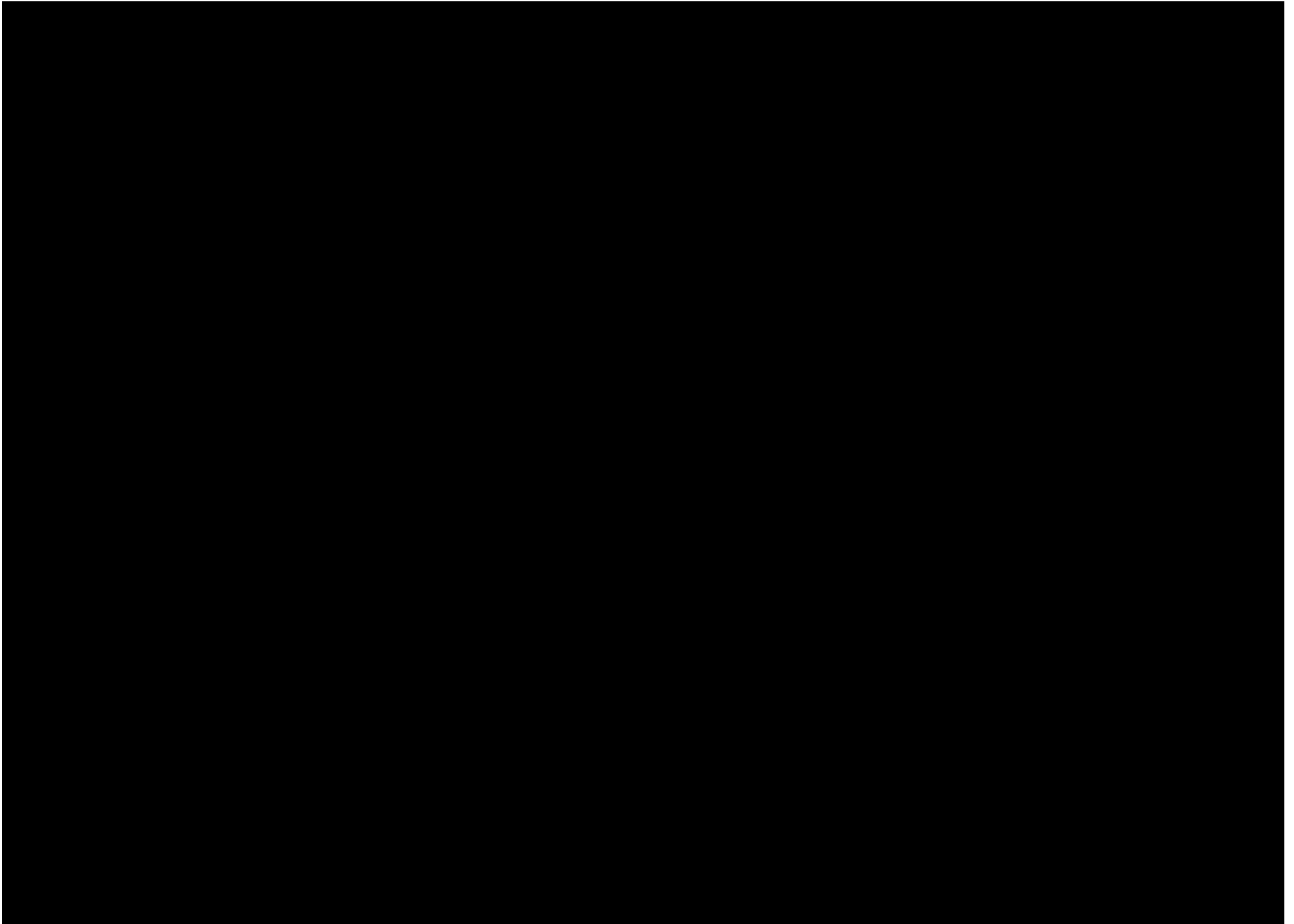


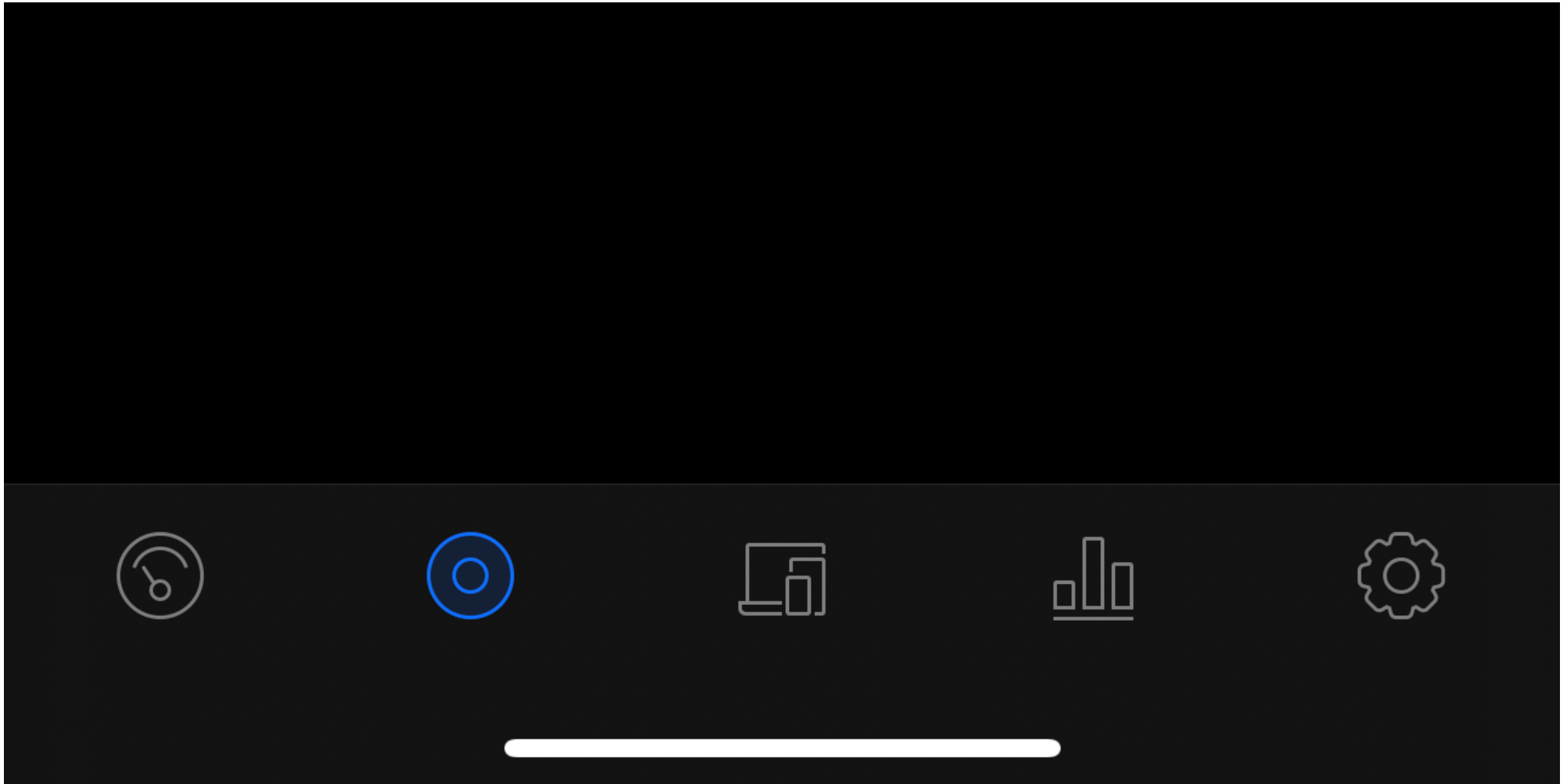
U6-Lite

U6-Lite

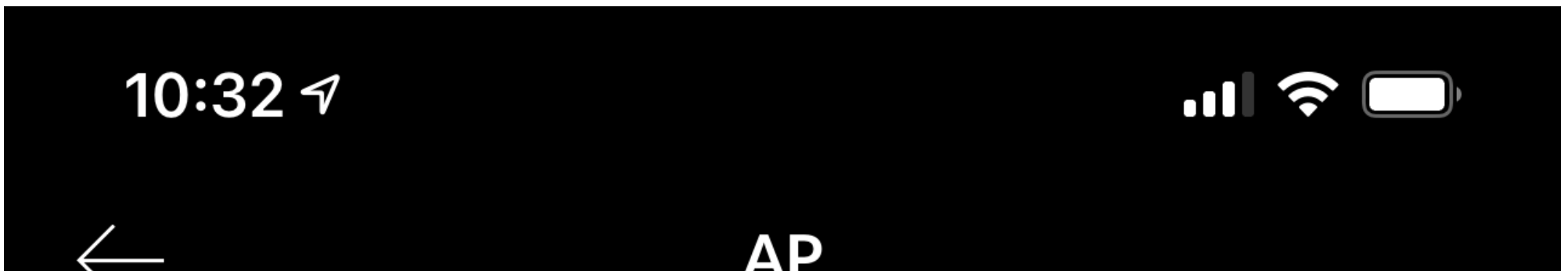
EN ATTENTE D'ADOPTION







On peut aller sur le menu de la borne et cliquer sur Adopter :





U6-Lite

U6-Lite

EN ATTENTE D'ADOPTION 58s

DÉTAILS

Adresse IP

192.168.1.14

Adresse MAC

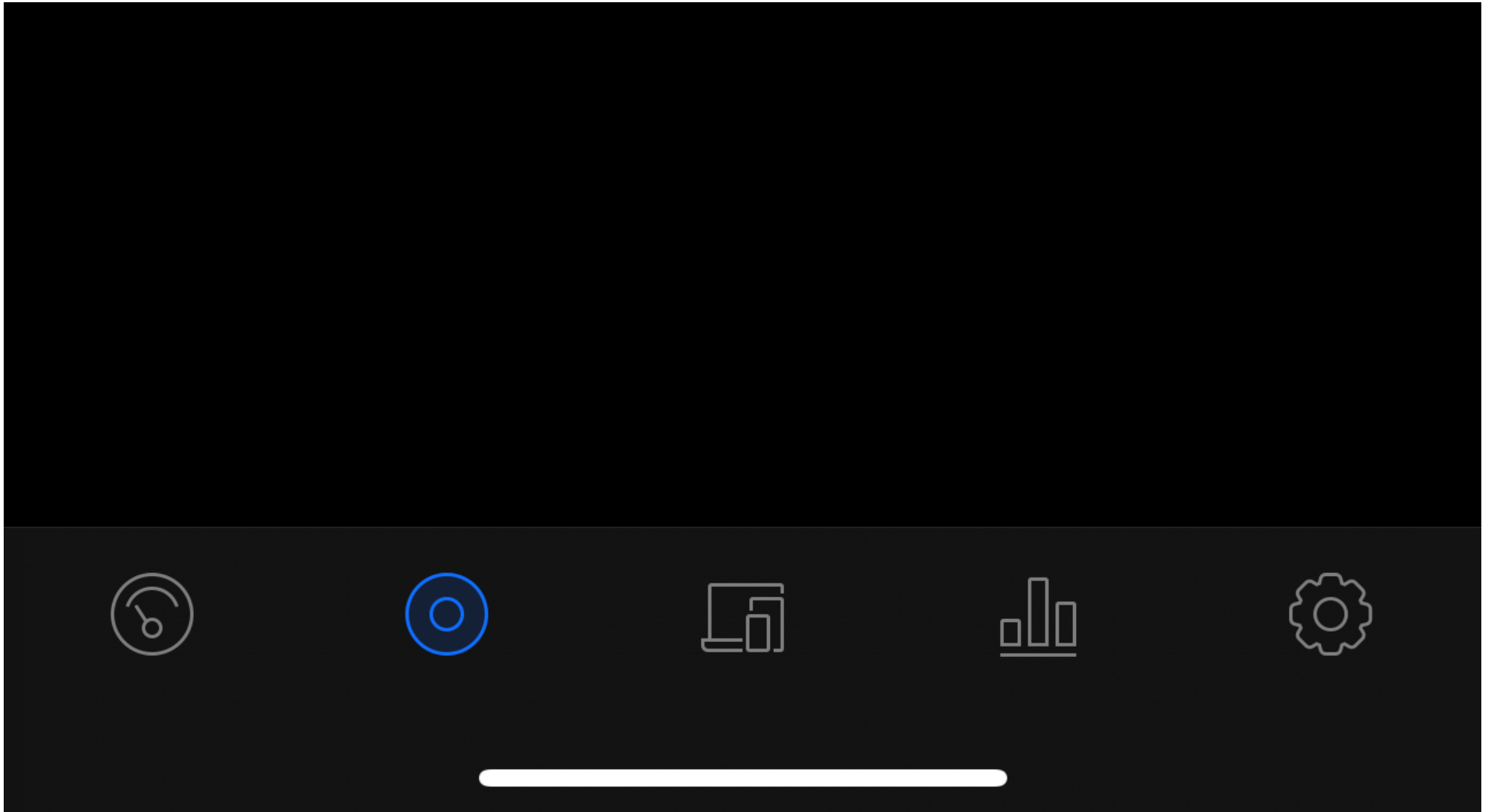
f4:92:bf:ac:42:80

Version de l'appareil

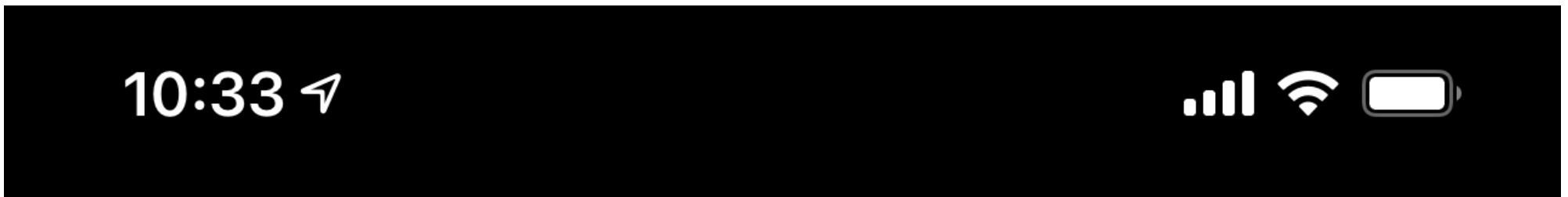
5.43.23.12533

ACTIONS

 Adopter



Enfin on peut la renommer pour l'identifier et tout est bon, la LED de la borne devient BLEUE :





AP

Configurer



U6-Lite

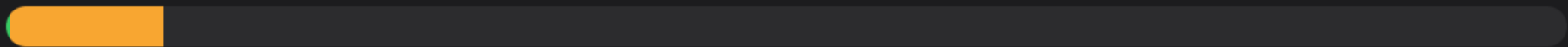
U6-Lite

CONNECTÉ 1mn 51s

UTILISATION DU CANAL

11 2.4 GHz

10 %



46 (48,-1) 5 GHz

7 %



RX TRAMES



TX TRAMES



INTERFÉRENCE

DÉTAILS

Adresse IP

192.168.1.14

Adresse MAC

f4:92:bf:ac:42:80

Version de l'appareil

5.43.23.12533

Utilisation de la mémoire

30 %

Charge Moyenne

2,22 / 0,75 / 0,27

Experience WiFi (2.4 GHz)

Aucun client

Experience WiFi (5 GHz)

Aucun client

