

# **Manual de Configuración VTO y VTH Desde ConfigTool**



## Inicialización VTO

- Para inicializar el VTO desde configtool, seleccionamos el dispositivo y después damos en “inicializar”.

The screenshot displays the Configtool web interface. On the left is a dark sidebar with navigation options: Modify IP, Device Upgrade, Online Upgrade, Device Config, System Settings, Password Reset, Building Config, and CGI Protocol. The main content area shows a list of 29 devices. At the top, there are buttons for 'Initialize' (highlighted with a red box), 'Batch Modify IP', 'Import', 'Export', 'Manual Add', and 'Delete'. Below these is a search bar. The device list table has columns for NO., Status, Type, Model, IP:Port, MAC, Version, and Operate. One device is selected, indicated by a checked checkbox in the 'NO.' column (also highlighted with a red box) and a corresponding row highlighted in grey. The selected device has the following details: Status: Uninitialized, Type: VTO, Model: DHI-VT02211G-WP, IP:Port: 192.168.1.110:37777, MAC: f4:b1:c2:17:b6:2d, and Version: V4.511.0000... At the bottom of the interface, a summary bar states 'You have selected 1 device(s)' and includes radio buttons for 'Uninitialized' (selected) and 'Initialized', along with 'IPV4' and 'IPV6' buttons.

NO.	Status	Type	Model	IP:Port	MAC	Version	Operate
<input checked="" type="checkbox"/>	Uninitialized	VTO	DHI-VT02211G-WP	192.168.1.110:37777	f4:b1:c2:17:b6:2d	V4.511.0000...	Edit Details Web

- Nos aparecerá esta ventana de **Inicialización** y damos clic en el botón de **inicializar**.

The screenshot shows the Configtool web interface. On the left is a dark sidebar with navigation options: Modify IP, Device Upgrade, Online Upgrade, Device Config, System Settings, Password Reset, Building Config, and CGI Protocol. The main area shows a list of 29 devices. A modal window titled "Device initialization" is open, displaying a table with the following data:

NO.	Type	Model	IP	MAC	Version
1	VTO	DHI-VT02211G-WP	192.168.1.110	f4:b1:c2:17:b6:2d	V4.511.0000000...

Below the table, a note states: "\*The list only shows connected LAN device(s), you cannot initialize crossing LAN." A red box highlights the "Initialize" button at the bottom right of the dialog. At the bottom of the main interface, it shows "You have selected 1 device(s)" with radio buttons for "Uninitialized" (checked) and "Initialized", and buttons for "IPV4" and "IPV6".

Device initialization ×

1 device(s) have not been initialized

Username

New Password

Weak  Medium  Strong

Confirm Password

Use a password that has 8 to 32 characters, it can be a combination of letter(s), number(s) and symbol(s) with at least two kinds of them. (excluding single quote('), double quote("), colon(:), semicolon(;), connection symbol(&))

Email Address  (for password reset)

\*After you have set new password, please set password again in "Search Setting".

Agregaremos una contraseña con la cual se quedará configurado nuestro VTO.

Device initialization ×

1 device(s) have not been initialized

Username

New Password

Weak  Medium  Strong

Confirm Password

Use a password that has 8 to 32 characters, it can be a combination of letter(s), number(s) and symbol(s) with at least two kinds of them. (excluding single quote('), double quote("), colon(:), semicolon(;), connection symbol(&))

Email Address  (for password reset)

\*After you have set new password, please set password again in "Search Setting".


Una vez que agregamos la contraseña, nosotros decidimos si agregar un correo si no se desea solo se desmarca y damos siguientes.

**NOTA: El correo es para recuperar la contraseña en caso que la hayamos olvidado.**

- En ocasiones, no nos permite inicializar el dispositivo desde **ConfigTool**, nos aparecerá este error. Para ello hay que inicializarlo desde el **WebServices** del **VTO**.

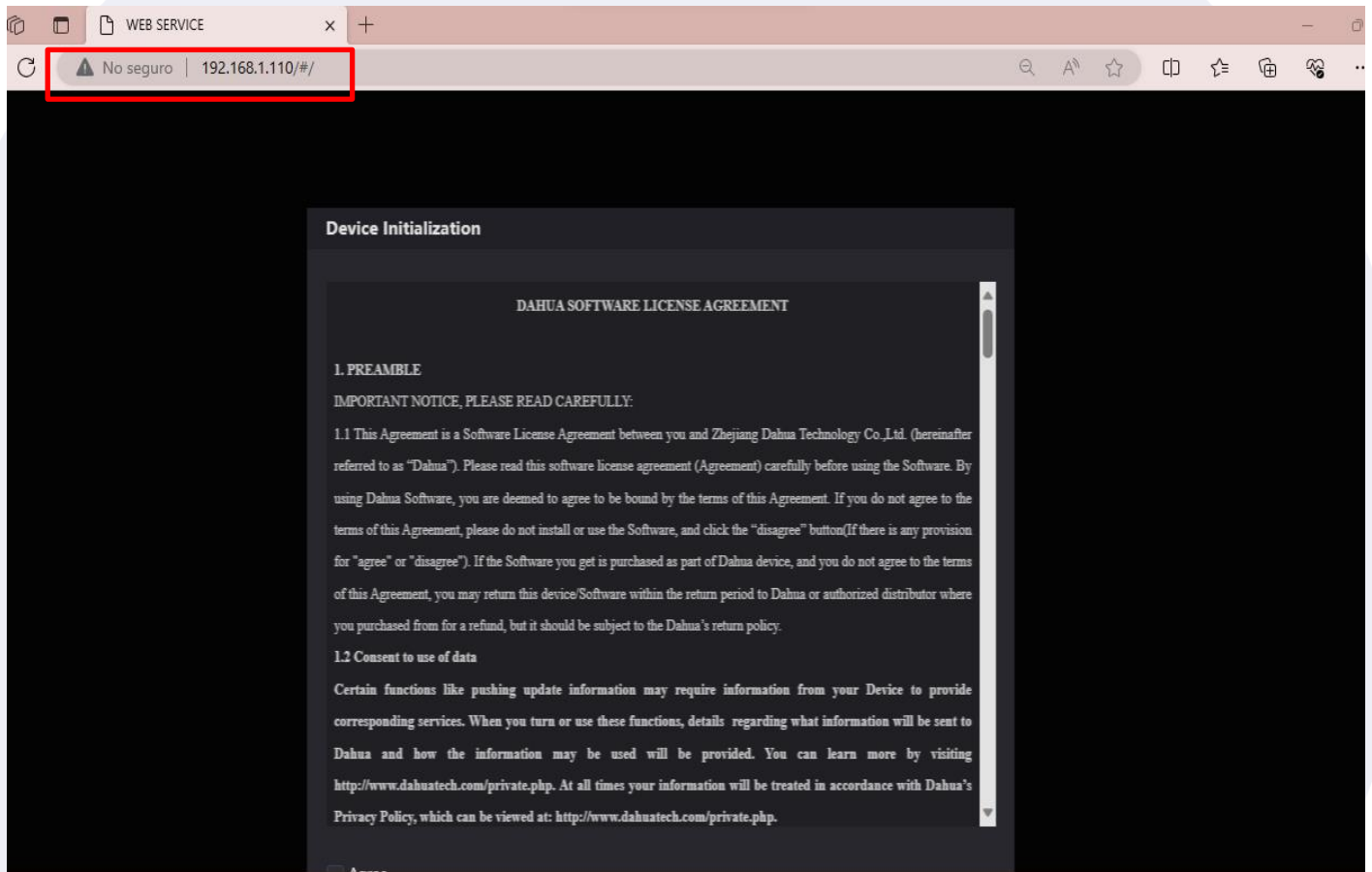
Initialization ×

0 device(s) have been activated!

NO.	Type	Model	IP	MAC	Version
1	 VTO	DHI-VTO2211G-WP	192.168.1.110	f4:b1:c2:17:b6:2d	V4.511.0000000.0.R

Finish

- Para inicializarlo desde el Web Services del VTO entramos al navegador con la IP que nos da por default el VTO, pueden ser **192.168.1.108** o **192.168.1.110**. Aceptamos términos y condiciones y damos siguiente.



- Después de aceptar los términos y condiciones, debemos asignarle la contraseña a nuestro **VTO**, para poder ingresar al **WEB SERVICES**.

**Device Initialization**

1 — 2 — 3  
One — Two — Three

Username admin

Password

Weak Medium Strong

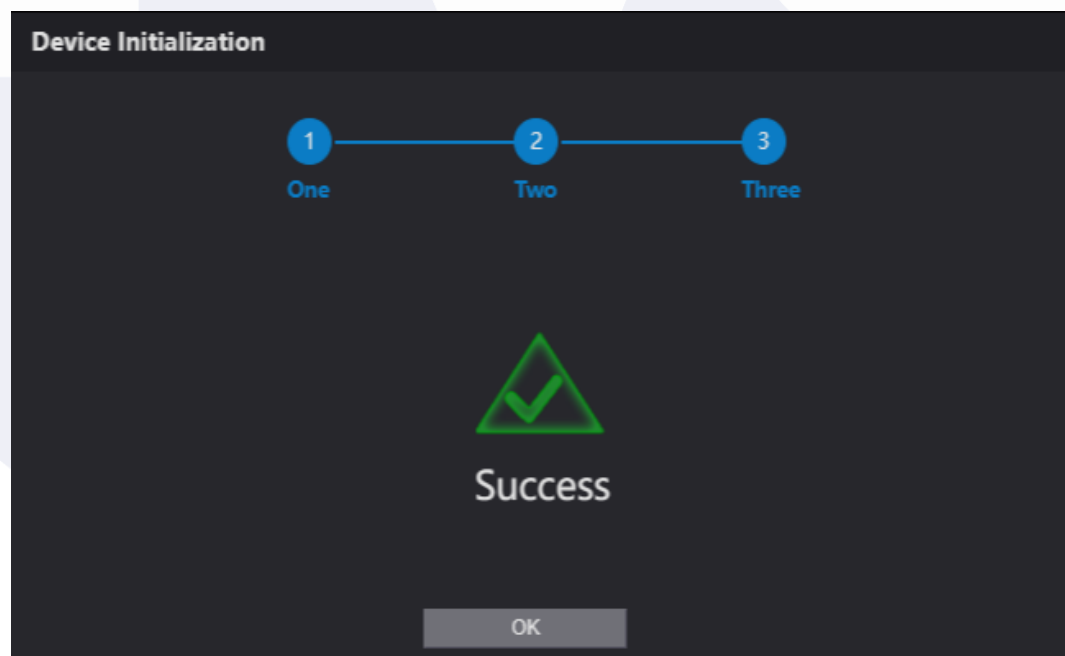
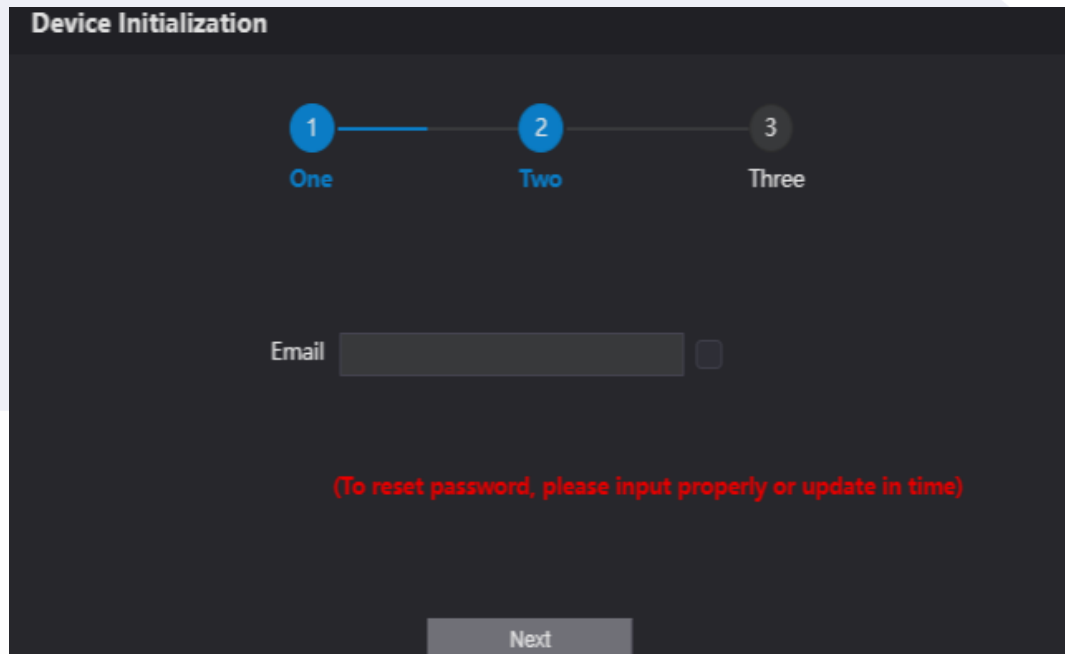
Confirm Password

The minimum pass phrase length is 8 characters

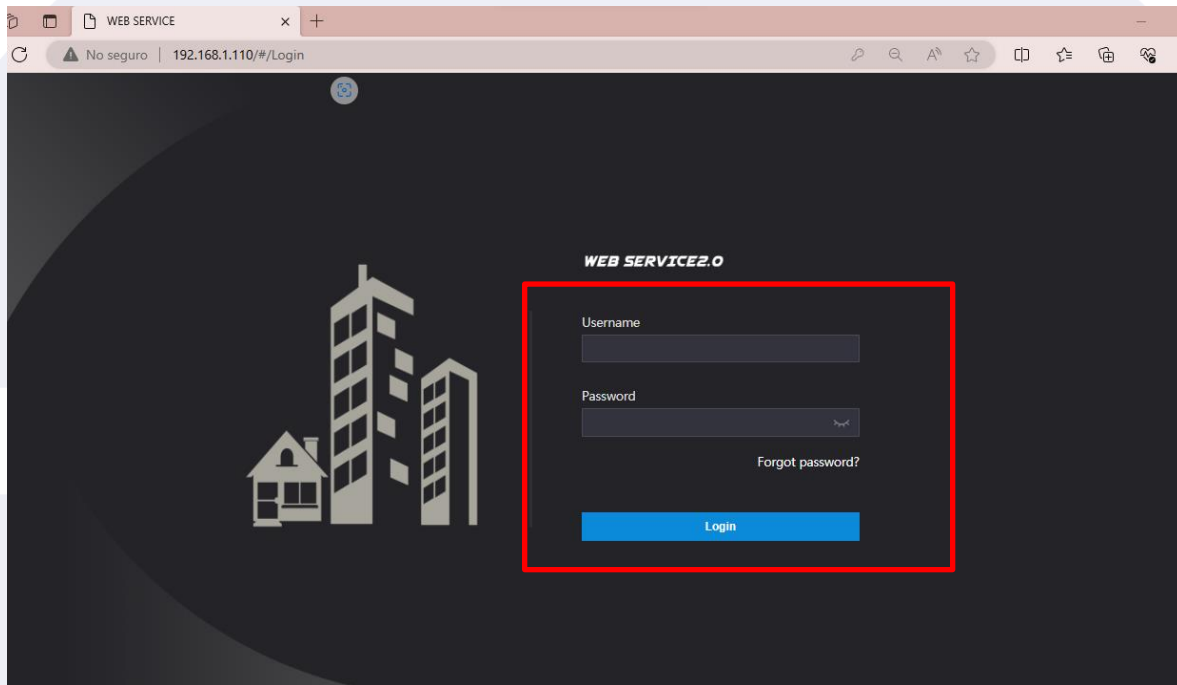
Next



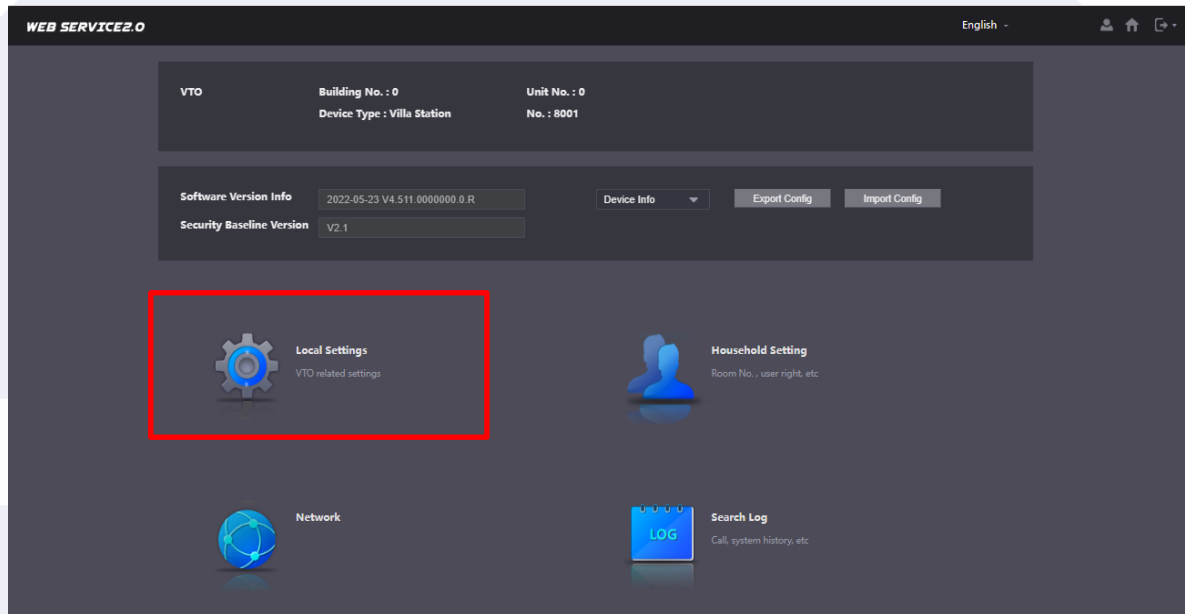
- Una vez que hayamos ingresado la contraseña, nos pide agregar un email, es opcional si desea agregarlo, si no se desea agregar desmarcamos y damos **Next**. Ya por último damos **OK** para finalizar la Inicialización del equipo.



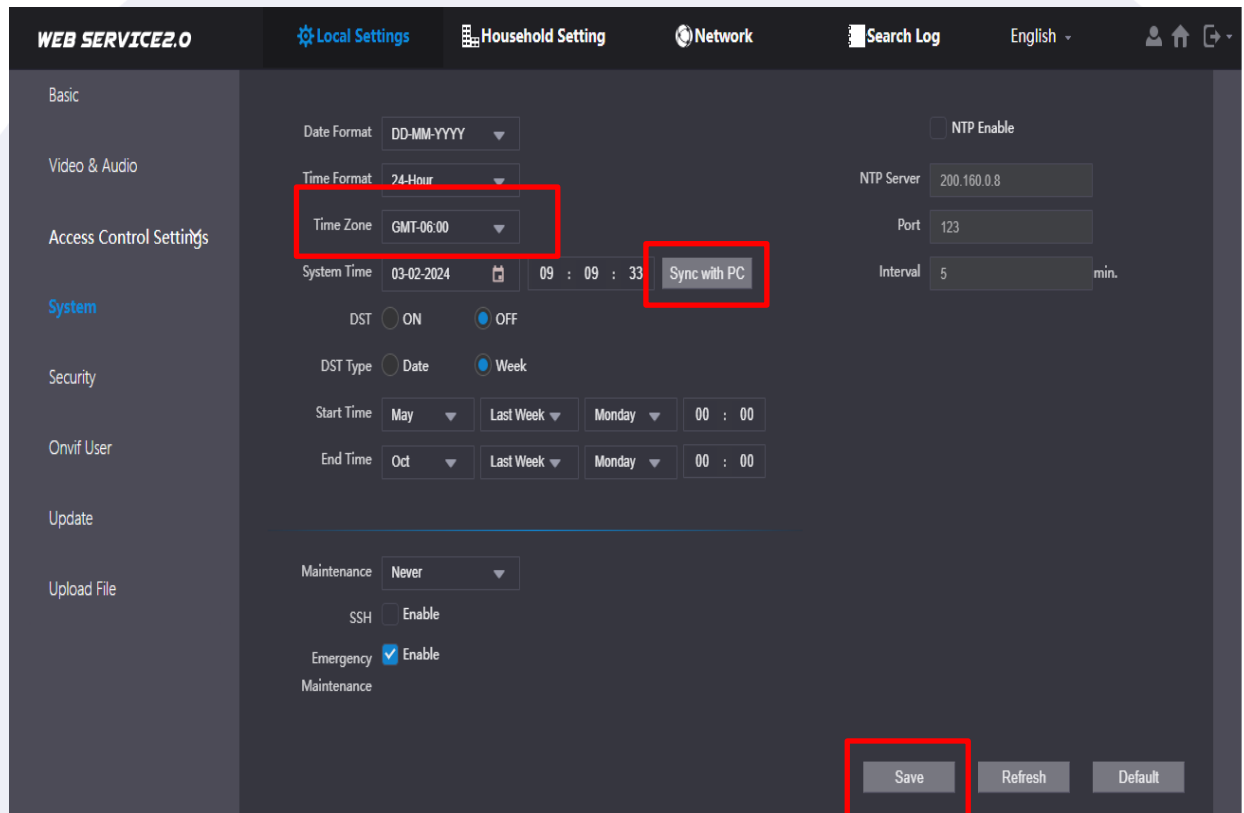
- Ya inicializado el equipo, podremos ingresar a su **web services** para realizar la configuración. Para ello ingresamos con nuestro usuario que es **admin** y la contraseña que se le asigno en la configuración.



- Una vez que ingresamos, nos dirigimos a realizar el cambio de la zona horaria y sincronizar la hora, para ello nos dirigimos a **LOCAL SETTINGS**.



- En **Time Zona** siempre tiene que ser **GMT -06:00** ya hecho la modificación, nos vamos a **Sync with PC**, una vez hecho los cambios, damos en clic en **guardar**.



- Estableceremos una IP válida del segmento de acuerdo al proveedor de servicios de internet donde instale los equipos. Una vez hecho los cambios daremos en guardar.

**NOTA:** El equipo se reiniciará después del cambio.

The screenshot displays the 'Network' configuration page of an Alhua device. The interface is dark-themed with a top navigation bar containing 'Local Settings', 'Household Setting', 'Network' (highlighted with a red box), and 'Search Log'. Below the navigation bar, the 'TCP/IP' section is visible, with a red box highlighting the IP configuration fields: IP Address (10.2.8.99), Subnet Mask (255.255.255.0), Default Gateway (10.2.8.254), MAC Address (bc:32:5f:96:9e:4c), Preferred DNS (8.8.8.8), and Alternate DNS (8.8.4.4). To the right of these fields, the 'Transmission Mode' is set to 'Mode 1' (selected with a radio button) and 'Mode 2' is unselected. Below the TCP/IP section, the 'Port' section shows 'Port' (80), 'HTTPS Port' (443) with an 'Enable' checkbox, 'TCP Port' (37777), and 'UDP Port' (37778). A warning message states: 'Warning: The device needs reboot after modifying the Port or HTTPS Port.' and another warning states: 'Warning: Disabling HTTPS may be at risk.' There is also a checkbox for 'Compatible with TLSv1.1 and earlier versions.' At the bottom, the 'Certificate Management' section includes buttons for 'Create Server Certificate', 'Download Root CERT', 'Details', and 'Delete'.

- Quitaremos el check box del **SIP SERVER** para modificar algunos parámetros, una vez modificado se procede a guardar cambios y esperamos a que se reinicie el equipo.

WEB SERVICE2.0 Local Settings Household Setting Network Search Log English

Basic

UPnP

**SIP Server**

Firewall

SIP Server  Enable

Server Type VTO

IP Address 10.2.8.99

Port 5060

Username 8001

Password .....

SIP Domain VDP

SIP Server Username admin

SIP Server Password .....

Warning: The device will be rebooted after modifying the SIP server enable status.

Save Refresh Default

Remplazar la IP que tendrá nuestro VTO

Colocamos el usuario del VTO

Colocamos la contraseña del VTO

## Inicialización VTH

- Para inicializar el VTH desde **ConfigTool**, seleccionamos el dispositivo y después damos en “inicializar”.

The screenshot displays the ConfigTool web interface. On the left is a dark sidebar with navigation options: Modify IP, Device Upgrade, Online Upgrade, Device Config, System Settings, Password Reset, Building Config, and CGI Protocol. The main content area shows a table of 30 devices. The 'Initialize' button in the top toolbar is highlighted with a red box. In the table, the second row (device 2) is selected, with its checkbox also highlighted by a red box. The table columns are: NO., Status, Type, Model, IP : Port, MAC, Version, and Operate. The selected device is a VTH of model VTH2421F-P with IP 10.2.8.34:37777. At the bottom, a summary bar indicates 'You have selected 1 device(s)' and shows radio buttons for 'Uninitialized' (selected) and 'Initialized', along with 'IPV4' and 'IPV6' options.

NO.	Status	Type	Model	IP : Port	MAC	Version	Operate
1	Uninitialized	ARC	DHI-ARC3000H-W2	10.2.8.45:37777	f4:b1:c2:4b:03:33	V1.001.0000...	Edit Details Web
2	Uninitialized	VTH	VTH2421F-P	10.2.8.34:37777	bc:32:5f:85:c4:be	V4.700.0000...	Edit Details

- Nos aparecerá esta ventana de **Inicialización** y damos clic en el botón de **inicializar**.

30 Device(s) found

Search Setting

Initialize Batch Modify IP Import Export Manual Add Delete

Search

Device initialization

1 device(s) have not been initialized

NO.	Type	Model	IP	MAC	Version
1	VTH	VTH2421F-P	10.2.8.34	bc:32:5f:85:c4:be	V4.700.0000000...

\*The list only shows connected LAN device(s), you cannot initialize crossing LAN.

Initialize

You have selected 1 device(s)  Uninitialized  Initialized



Device initialization ×

1 device(s) have not been initialized

Username

New Password

Weak Medium Strong

Confirm Password

Use a password that has 8 to 32 characters, it can be a combination of letter(s), number(s) and symbol(s) with at least two kinds of them. (excluding single quote('), double quote("), colon(:), semicolon(;), connection symbol(&))

Email Address  (for password reset)

\*After you have set new password, please set password again in "Search Setting".

Agregaremos una contraseña con la cual se quedará configurado nuestro VTH.

Device initialization ×

1 device(s) have not been initialized

Username

New Password

Weak Medium Strong

Confirm Password

Use a password that has 8 to 32 characters, it can be a combination of letter(s), number(s) and symbol(s) with at least two kinds of them. (excluding single quote('), double quote("), colon(:), semicolon(;), connection symbol(&))

Email Address  (for password reset)

\*After you have set new password, please set password again in "Search Setting".

Una vez que agregamos la contraseña, nosotros decidimos si agregar un correo si no se desea solo se desmarca y damos siguientes.

**NOTA: El correo es para recuperar la contraseña en caso que la hayamos olvidado.**

- Aparecerá  , esto quiere decir que se inicializo correctamente. Enseguida seleccionamos el lenguaje y seleccionamos **Español Latinoamérica** y damos **FINISH**.

Initialization [X]

1 device(s) have been activated!

NO.	Type	Model	IP	MAC	Version
1	<input checked="" type="checkbox"/> VTH	VTH2421F-P	10.2.8.34	bc:32:5f:85:c4:be	V4.700.0000000.0.R

Language

Initialization [X]

1 device(s) have been activated!

NO.	Type	Version
1	<input checked="" type="checkbox"/> VTH	V4.700.0000000.0.R

Initialization [X]

Configure and restart

Choose a language:

Finish

Language

- Una vez que hayamos hecho los cambios nos volverá aparecer, esto quiere decir que los cambios se guardaron correctamente. Por último, damos **FINISH**.

Initialization ×

1 device(s) have been activated!

NO.	Type	Model	IP	MAC	Version	
1	<input checked="" type="checkbox"/>	VTH	VTH2421F-P	10.2.8.34	bc:32:5f:85:c4:be	V4.700.0000000.0.R

- Una vez inicializado el VTH podremos comenzar con su configuración.

The screenshot shows the Configtool interface with a table of devices. The table has columns for NO., Status, Type, Model, IP:Port, MAC, Version, and Operate. The first row is highlighted with a red box, showing a device with NO. 1, Status 'Initialized', Type 'VTH', Model 'VTH2421F-P', IP:Port '10.2.8.34:37777', MAC 'bc:32:5f85:c4:be', and Version 'V4.700.0000...'. Below the table, there are checkboxes for 'Uninitialized' and 'Initialized', and buttons for 'IPv4' and 'IPv6'.

NO.	Status	Type	Model	IP:Port	MAC	Version	Operate
1	Initialized	VTH	VTH2421F-P	10.2.8.34:37777	bc:32:5f85:c4:be	V4.700.0000...	Edit Details

- Para poder realizar la configuración del VTH es importante agregar la contraseña del equipo para realizar modificaciones, para ello modificamos la contraseña.

The screenshot shows the 'Setting' dialog box in the Configtool interface. It has a title bar with 'Setting' and a close button. Below the title bar, there are two checked checkboxes: 'Current Segment Search' and 'Other Segment Search'. There are four input fields: 'Start IP' (192 . 168 . 1 . 1), 'End IP' (192 . 168 . 1 . 255), 'Username' (admin), and 'Password' (masked with dots). The 'Password' field is highlighted with a red box. At the bottom, there is a blue 'OK' button.

- Nos dirigimos al apartado de **Device Config** y seleccionaremos el VTH a configurar y damos clic en **Get Device Info**.



- En **Network Config** se configurará el apartado de SIP SERVER, de acuerdo a la IP que le asignaste a tu VTO.

The screenshot displays the Configtool interface for a VTH device (10.2.8.34:37777). The left sidebar contains navigation options: Modify IP, Device Upgrade, Online Upgrade, Device Config (selected), System Settings, Password Reset, Building Config, and CGI Protocol. The main content area shows the 'Network Config' tab, which is highlighted with a red box. Below this, the 'Local Info' section includes fields for Room (9901#0), Main IP (0.0.0.0), Main User (admin), and Main Password (masked). An 'SSH' checkbox is also present. The 'SIP Server' section, also highlighted with a red box, contains the following fields: Sip Server IP (10.2.8.99), Sip Server Port (5060), Sip Register Pwd (masked), Sip Realm (VDP), Login User (admin), and Login Password (masked). An 'Enable' checkbox is checked. At the bottom right, there are 'OK' and 'Apply to...' buttons.

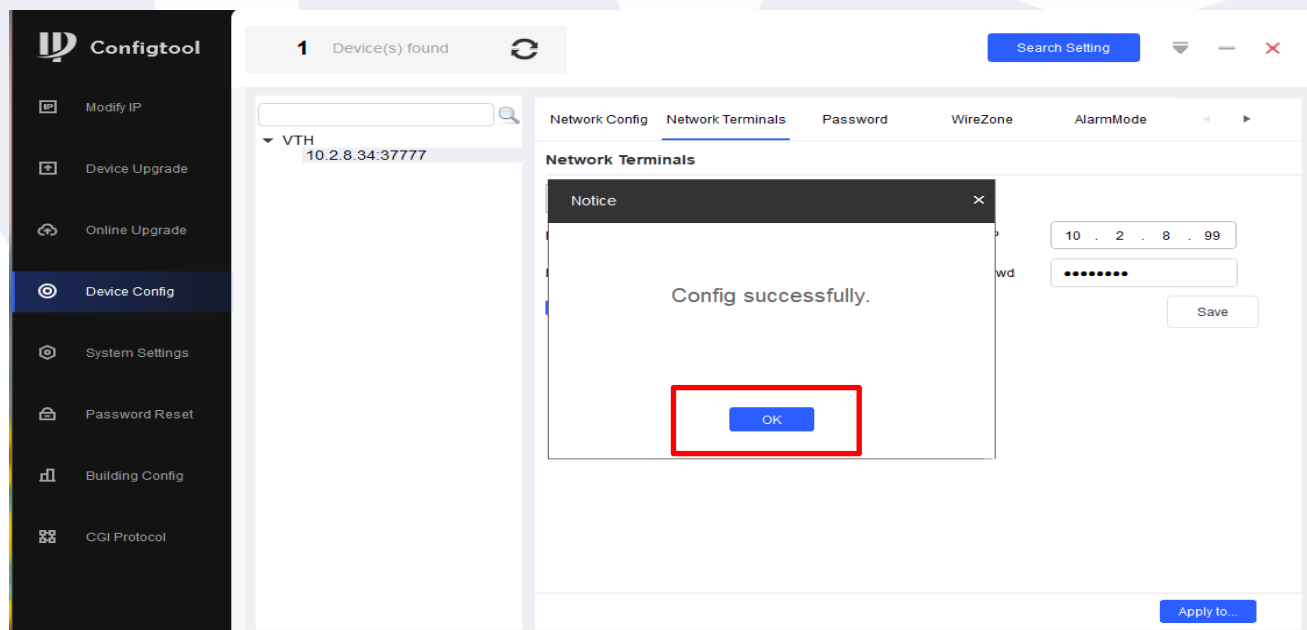
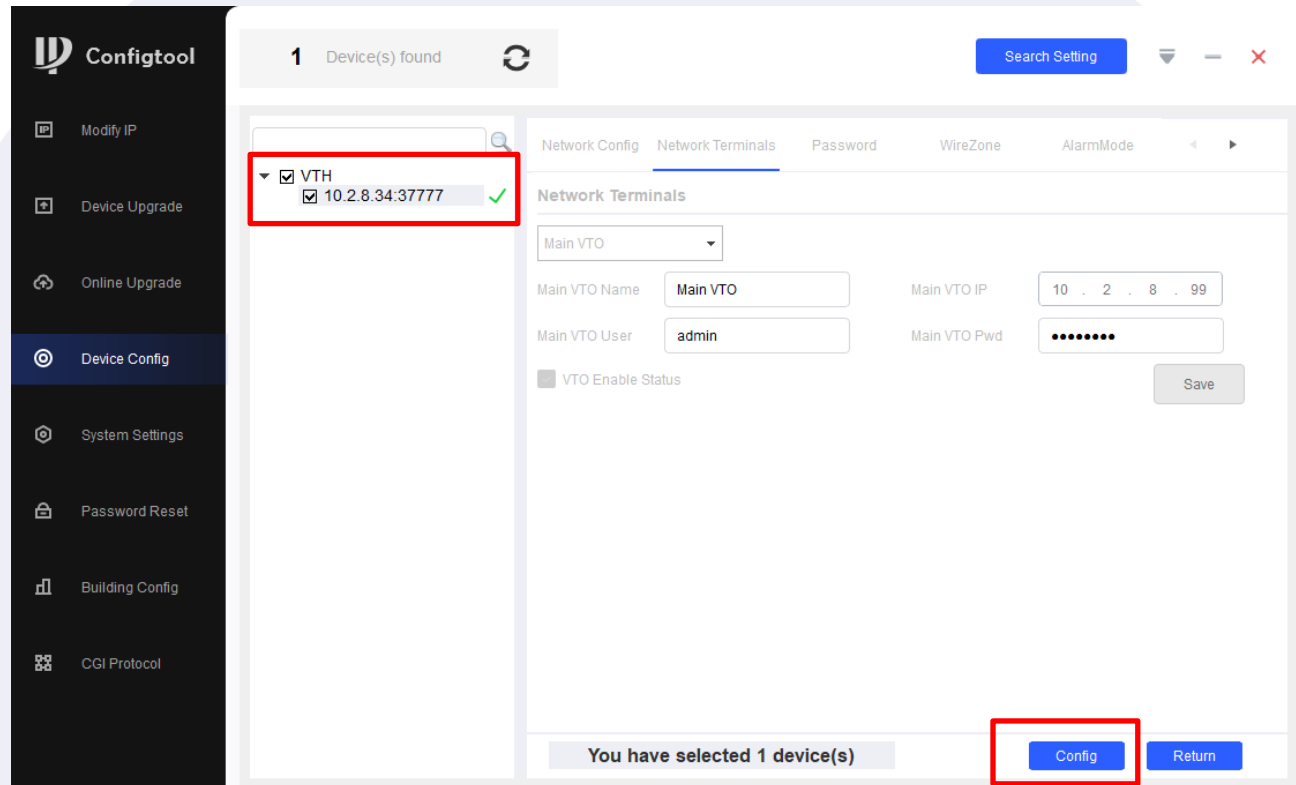
- En **Network Terminals** se configurará la **IP, usuario y contraseña** que le asignaste a tu VTO. Una vez que se haya guardado se habilita **VTO Enable Status** y guardamos.

The screenshot displays the Configtool interface for configuring a device. The left sidebar lists various configuration options, with 'Device Config' currently selected. The main panel shows the configuration for a device named 'VTH' with IP address '10.2.8.34:37777'. The 'Network Terminals' tab is active, and the 'Main VTO' dropdown is set to 'Main VTO'. The configuration fields are as follows:

Field	Value
Main VTO Name	Main VTO
Main VTO IP	10 . 2 . 8 . 99
Main VTO User	admin
Main VTO Pwd	.....
VTO Enable Status	<input checked="" type="checkbox"/>

A 'Save' button is located at the bottom right of the configuration area. An 'Apply to...' button is also visible at the bottom right of the main panel.


- Para aplicar los cambios modificados en los apartados de **Network Config** y **Network Terminals**, seleccionamos nuestro equipo y damos **Config**, nos aparecerá el siguiente recuadro, damos **OK** y regresamos.

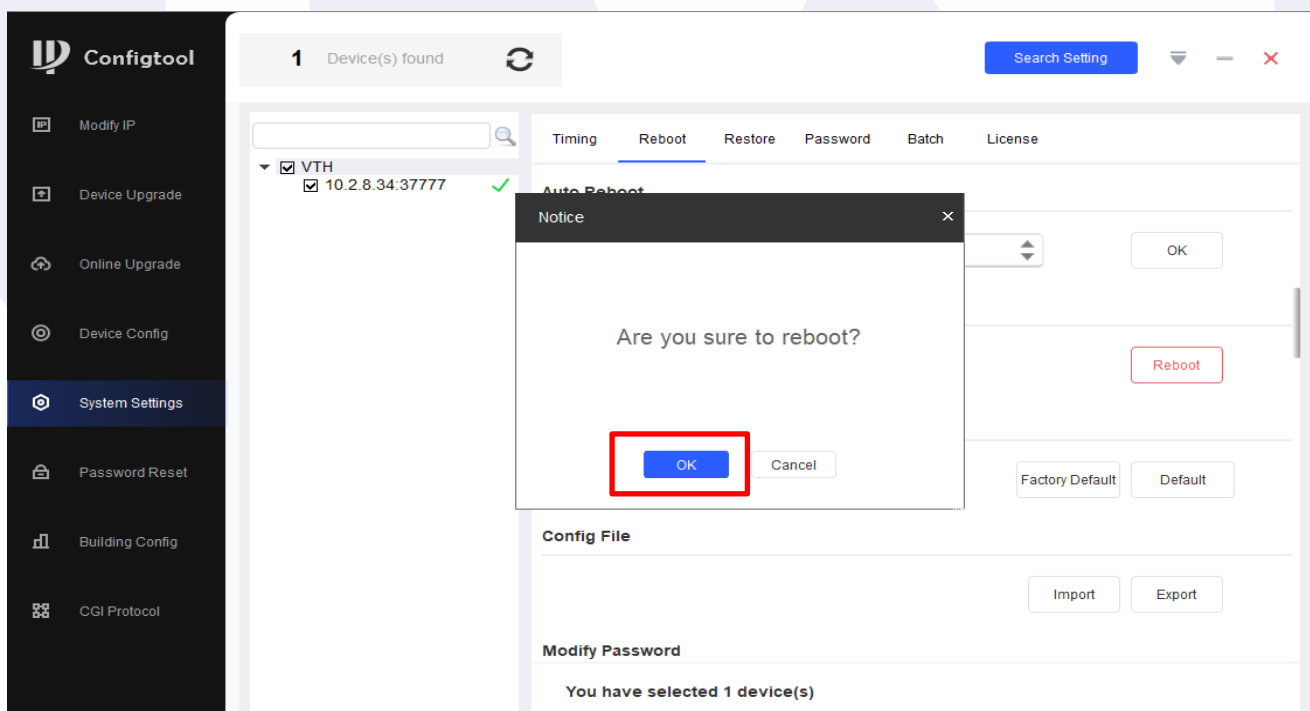
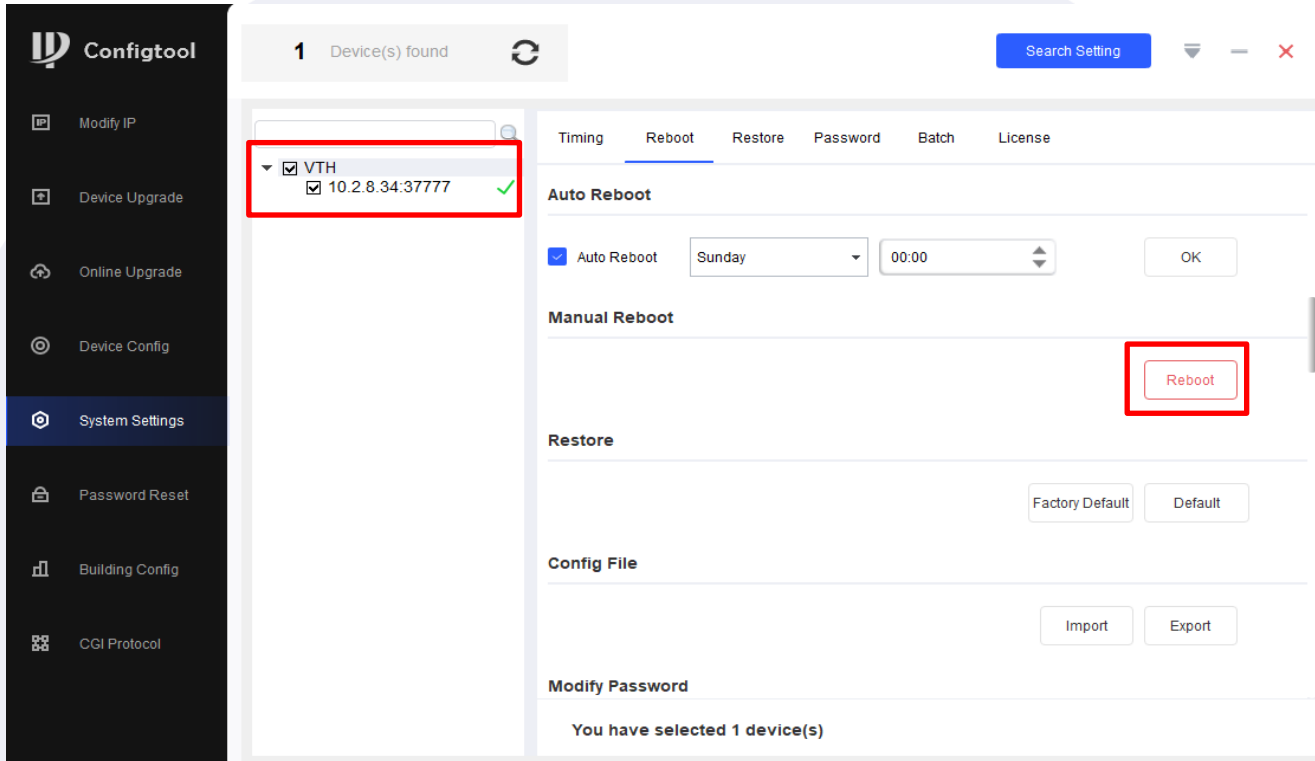




- Para cambiar el horario de nuestro VTH, nos vamos al apartado de **System Settings**, enseguida vamos a **Timing** y buscamos la zona horaria que nos corresponde la cual siempre será **UTC-06:00**. Una vez realizado los cambios damos **Save** para que los cambios se guarden correctamente.

The screenshot displays the Configtool interface for a VTH device. On the left sidebar, the 'System Settings' menu item is highlighted with a red box. The main content area shows the 'Timing' configuration page, also highlighted with a red box. The 'NTP' section has a dropdown menu set to 'UTC' and another dropdown menu set to '(UTC-06:00) Guadalajara, Mexico City, Monterrey', both highlighted with a red box. Below this, the 'Synchronize with NTP' checkbox is unchecked. The 'NTP Server' is 'time.windows.com', 'NTP Port' is '123', and 'Update Period' is '10 Minutes'. The 'Save' button is highlighted with a red box. The 'Auto Reboot' section is checked and set to 'Sunday' at '00:00'. The 'Manual Reboot' section is empty. At the bottom, it states 'You have selected 1 device(s)'.

- Para mandar reiniciar nuestro equipo desde ConfigTool, seleccionamos nuestro equipo que deseamos reiniciar y nos vamos a **Restore**, damos en **OK** y cuando el equipo se mande a reiniciar nos aparecerá  esto quiere decir que el equipo se reinició correctamente.



- Para revisar que mis equipos ya están enlazados nos vamos al **WEB SERVICES** del **VTO**, en el apartado **Household Setting** y **Status**, nos aparecerán los equipos en línea. Enseguida podremos realizar una prueba mandando a llamar del **VTO** a nuestro **VTH**.

The screenshot shows the WEB SERVICE2.0 interface. The top navigation bar includes 'Local Settings', 'Household Setting' (highlighted with a red box), 'Network', 'Search Log', and 'English'. The left sidebar contains 'VTO No. Management', 'VTH Management', 'VTS Settings', 'Status' (highlighted with a red box), and 'Personnel Management'. The main content area displays a 'Status' table with the following data:

Room No.	Status	IP-Port	Reg Time	Off Time
8001	Online	10.2.8.99:5061	03-02-2024 08:51:46	0
9901#0	Online	10.2.8.34:5062	03-02-2024 08:51:59	01-02-2024 07:08:20

At the bottom right of the table, there is a pagination control: '<< 1/1 >> Goto [ ] +'