

# Minicom

## Sumario

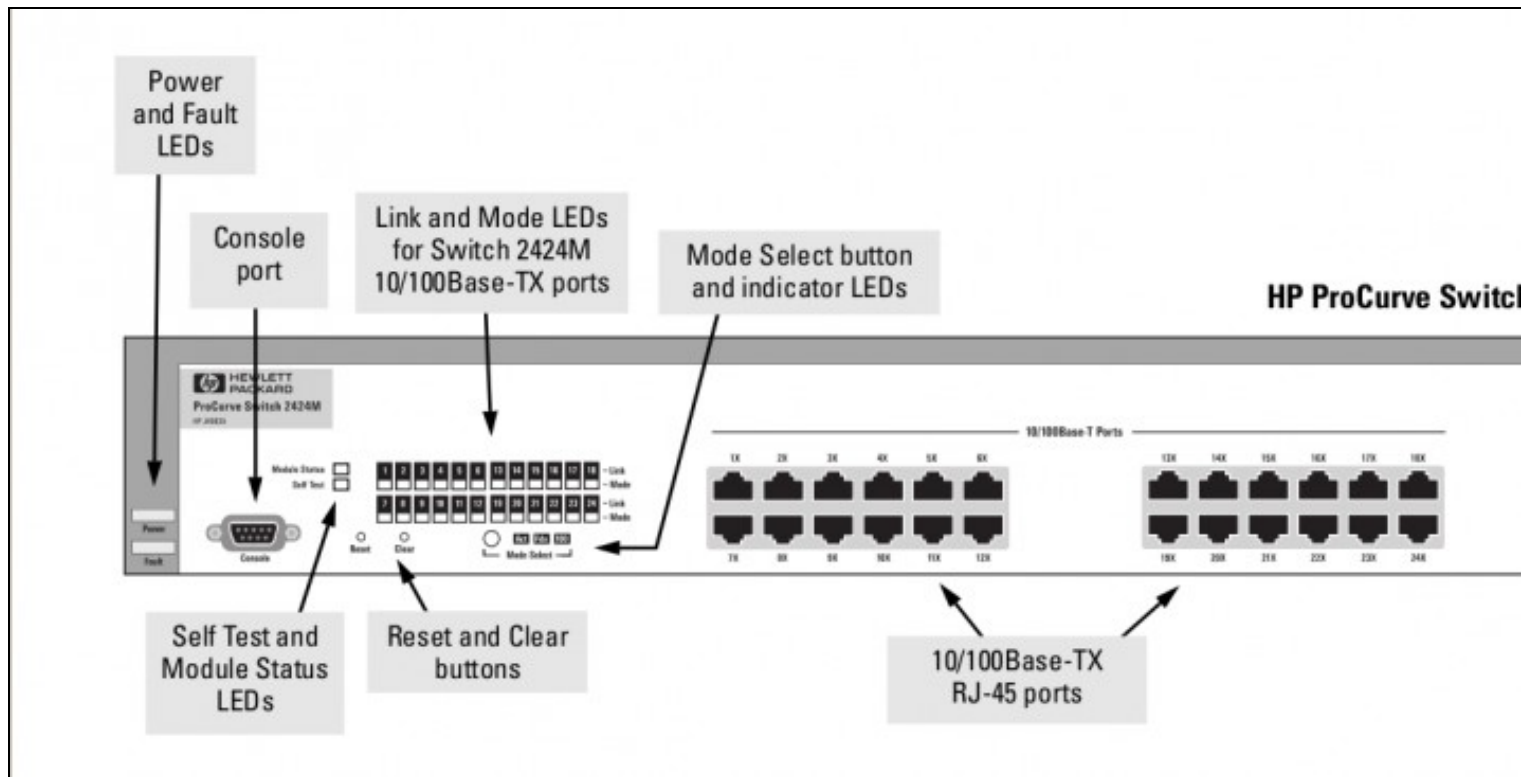
- 1 minicom. Conexión a través do Porto Serie COM1. Configuración Switch HPPROCURVE 2424M
  - ♦ 1.1 Imaxe Panel\_Frontal Switch HPProcurve 2424M
  - ♦ 1.2 Configurar **minicom** para establecer os parámetros de configuración para unha conexión a través do **Porto Serie**
  - ♦ 1.3 Establecendo a conexión en serie co Switch

## minicom. Conexión a través do Porto Serie COM1. Configuración Switch HPPROCURVE 2424M

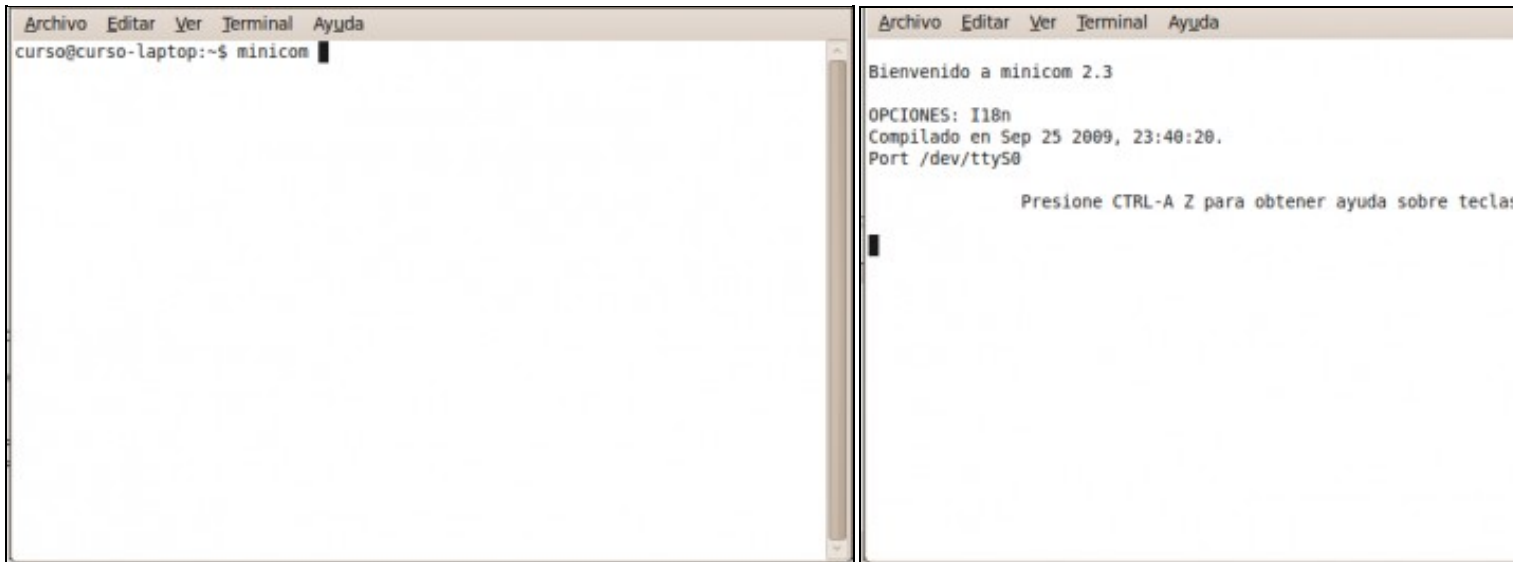
### NOTAS:

1. Picar nas imaxes para verlas no tamaño orixinal
2. Para establecer a conexión necesítase un cable serie entre o Host que lanza minicom e o Switch a configurar.
3. Manuais HPPROCURVE SWITCH 2424M:
  - ♦ [Installation Guide](#)
  - ♦ [Management e Configuration Switch](#)
4. Quizás che interese o programa [putty](#) para establecer a conexión serie mediante interface gráfica en equipos Windows ou UNIX

### Imaxe Panel\_Frontal Switch HPProcurve 2424M

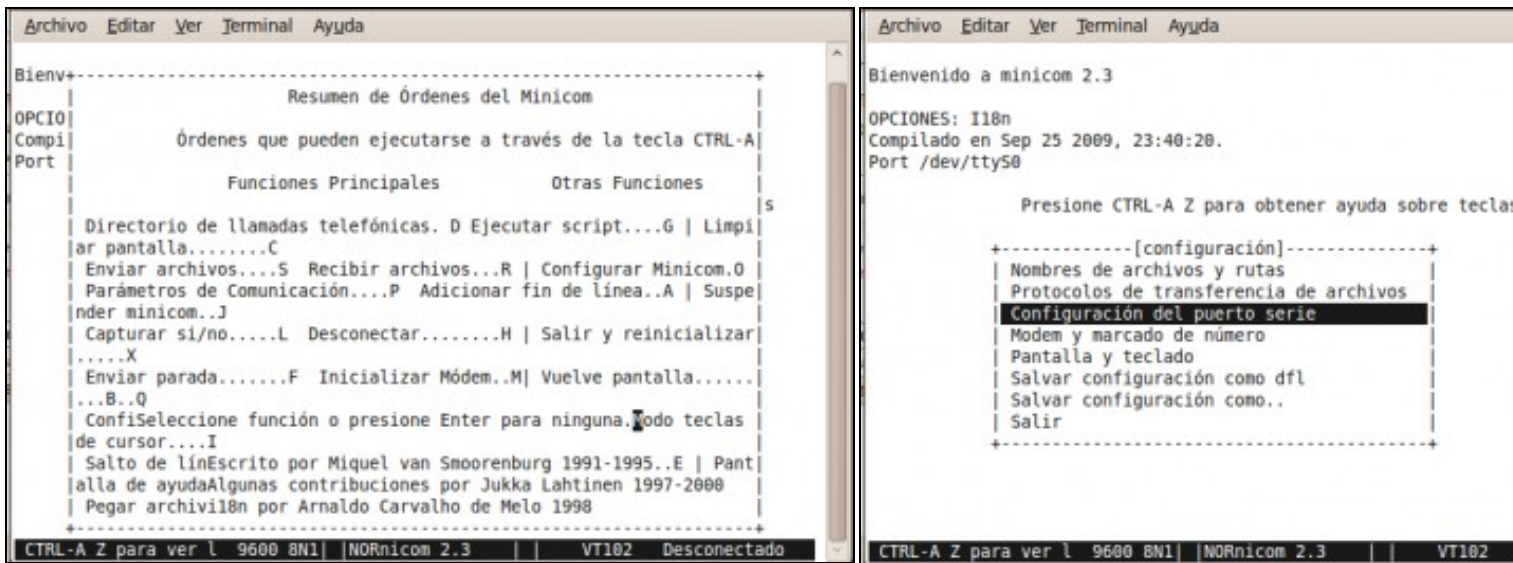


Configurar minicom para establecer os parámetros de configuración para unha conexión a través do Porto Serie

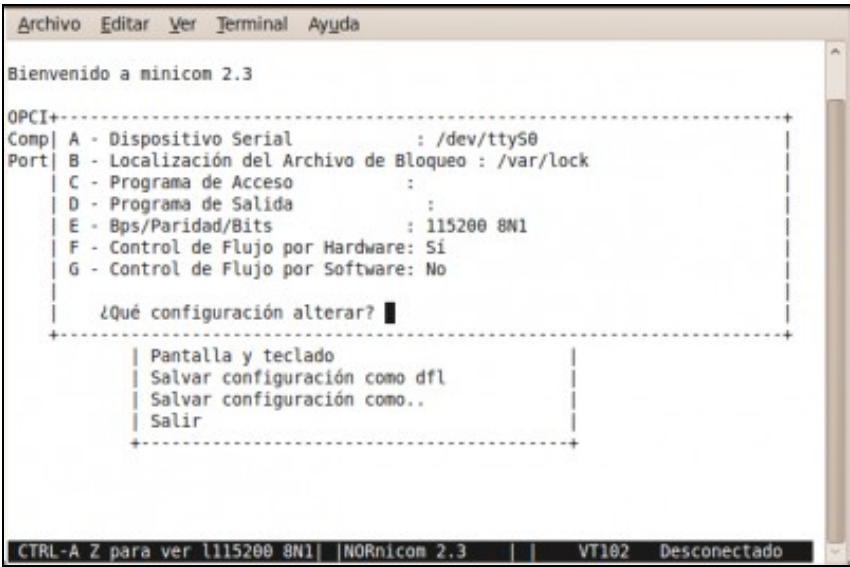


a. Comando minicom  
Logo de lanzar o comando esperar ata que apareza a Imaxe b.

b. Entrada na Interface do programa minicom.  
Pulsar **Ctrl+A**. A continuación pulsar **Z**.

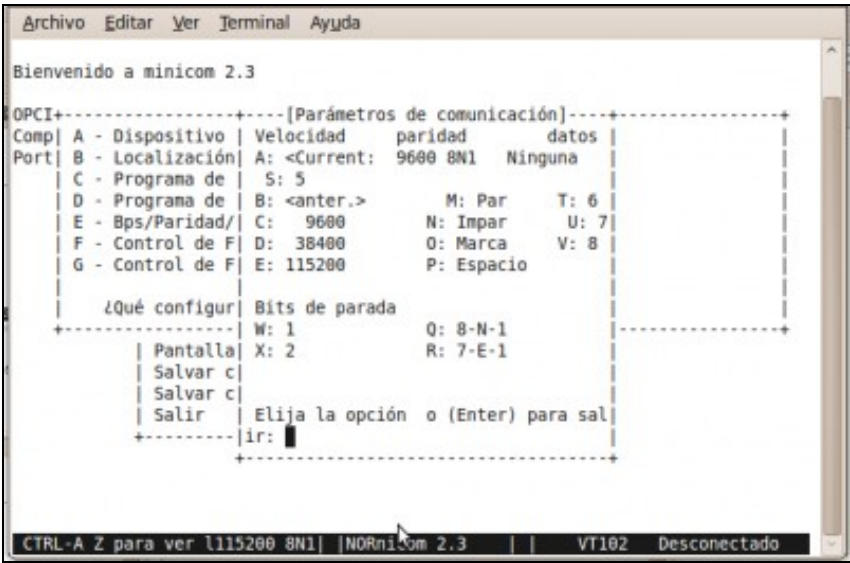


c. O. Parámetros de Comunicación. Pulsar O.



e. Parámetros a configurar para o Porto Serie.

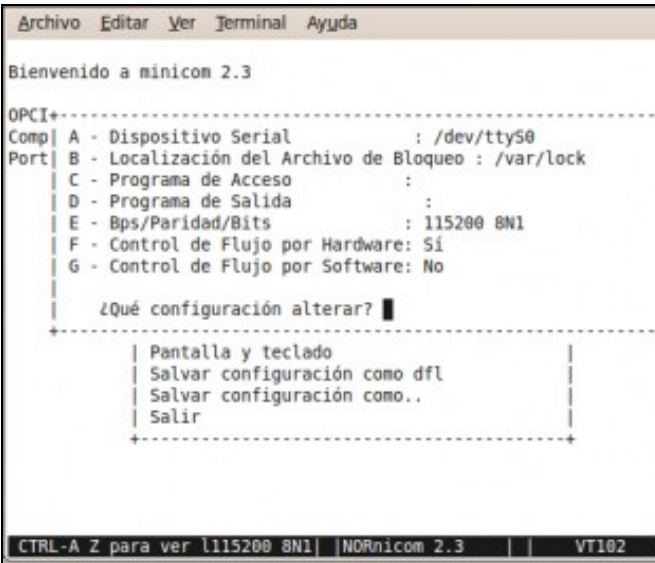
Premendo calquera das letras que aparece poderíamos modificar os parámetros de conexión.



d. Configuración do Porto Serie.

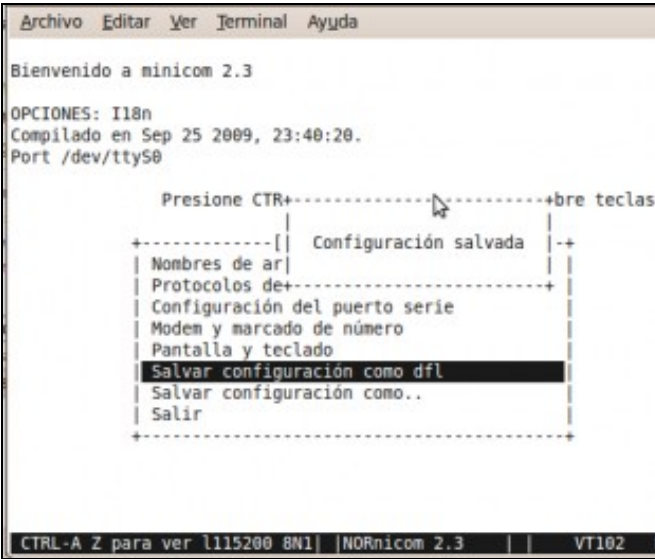
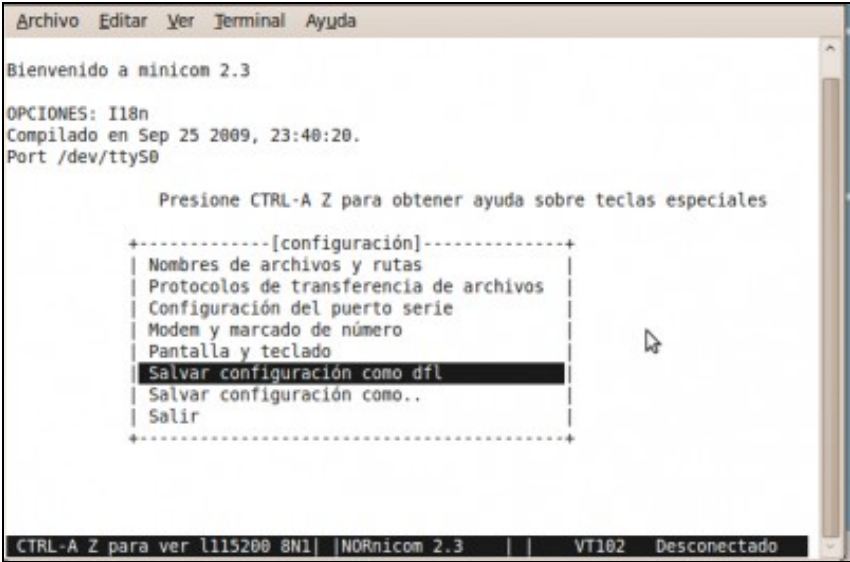


f. Opción E. Por exemplo pulsamos E para cambiar a velocidade da



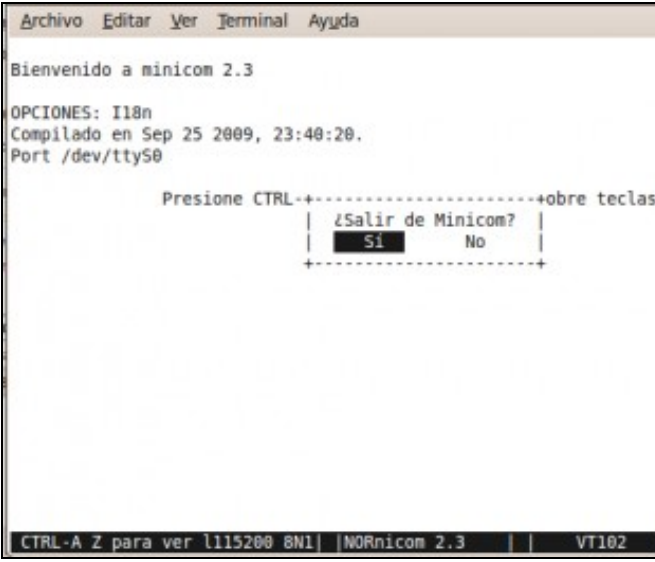
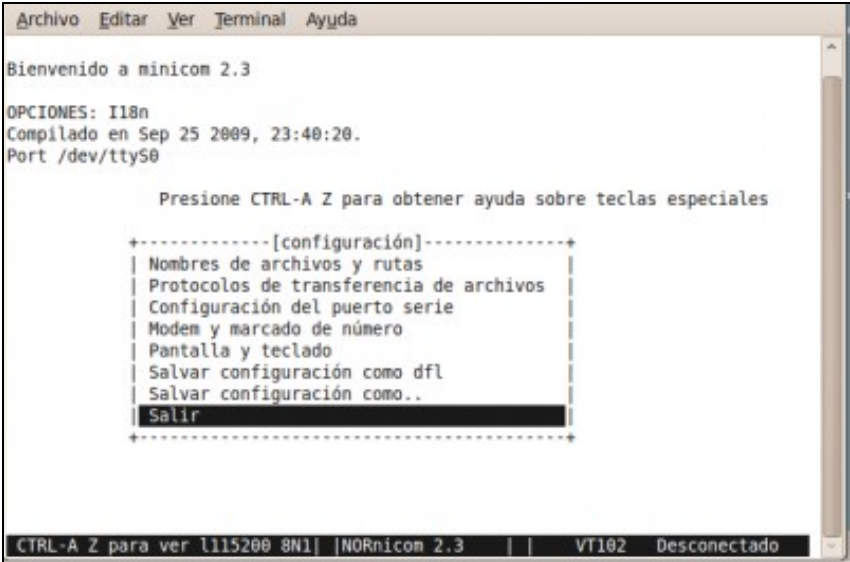
g. Opción C. Velocidade 9600 bps.  
Pulsar **Enter** para que se active a opción elixida.

h. Voltamos aos Parámetros de configuración do Porto Serie. Pu



i. Salvar configuración como dfl.  
A partir de agora cando sexa executado **minicom** terá en conta a configuración gardada como **dfl**.

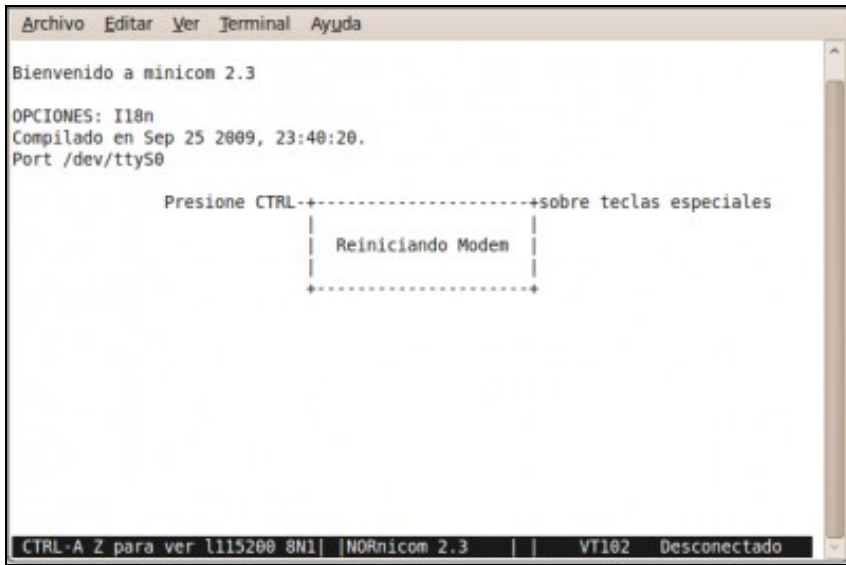
k. Configuración Salvada



### I. Opción Sair.

m. **Sair de minicom.** Pulsar **Ctrl+A**. Pulsar **X**. Pulsar **Sí**.

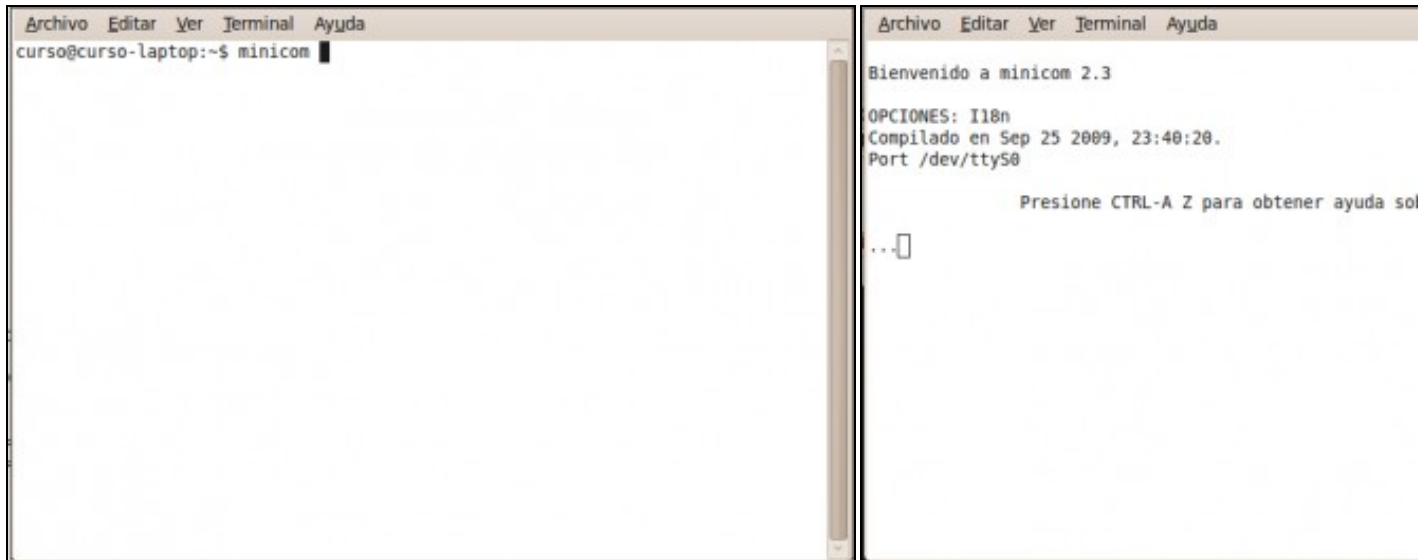
**NOTA:** Lembra que hai que pulsar **Ctrl+A** e a continuación pulsar **Z** p  
das teclas en **minicom**.



m. Saíndo e reiniciando.

## Estableciendo a conexión en serie co Switch

1. Pulsar **Reset Button** (ver imaxe), para recuperar a configuración inicial do Switch.
2. Pulsar **Clear Button** (ver imaxe), durante ao menos 1 segundo para resetear calquera password que puideramos ter configurada para unha conexión serie.
3. Proceder:





a. Comando minicom

```
Archivo Editar Ver Terminal Ayuda
Bienvenido a minicom 2.3
OPCIONES: I18n
Compilado en Sep 25 2009, 23:40:20.
Port /dev/ttyS0

Presione CTRL-A Z para obtener ayuda sobre teclas especiales
...initialization done.

Waiting for Speed Sense. Press <Enter> twice to continue.
█
```

b. Inicializando conexión....

```
Archivo Editar Ver Terminal Ayuda
HP J4093A ProCurve Switch 2424M
Firmware revision C.09.22

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HEWLETT-PACKARD COMPANY, 3000 Hanover St., Palo Alto, CA 94304

Press any key to continue █
```

c. Pulsar 2 veces Enter para continuar .

```
Archivo Editar Ver Terminal Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1990  0:01:31 ~
===== CONSOLE - MANAGER MODE =====
Main Menu

1. Status and Counters...
2. Switch Management Access Configuration (IP, SNMP, Console)...
3. Switch Configuration...
4. Event Log
5. Diagnostics...
6. Reboot Switch
7. Download OS
8. Stacking...
0. Logout

Provides the menu to display configuration, status, and counters.
To select menu item, press item number, or highlight item and press <Enter>.
```

d. Pulsar cualquiera tecla para continuar.

```
Archivo Editar Ver Terminal Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1990  0:01:31 ~
===== CONSOLE - MANAGER MODE =====
Main Menu

1. Status and Counters...
2. Switch Management Access Configuration (IP, SNMP, Console)...
3. Switch Configuration...
4. Event Log
5. Diagnostics...
6. Reboot Switch
7. Download OS
8. Stacking...
0. Logout

Displays menu to configure access for network management.
To select menu item, press item number, or highlight item and press <Enter>.
```

e. Menú configuración Switch.

f. Elixir a Opción 2. Switch Management Access Config

```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1990  0:01:59 ^
===== CONSOLE - MANAGER MODE =====
Switch Management Access Configuration Menu

1. IP Configuration
2. SNMP Community Names/Authorized Managers
3. Trap Receivers
4. Console/Serial Link Configuration
5. Console Passwords...
6. IP Authorized Managers
7. Authentication Services
8. Return to Main Menu...

Configures IP service for switch management.
To select menu item, press item number, or highlight item and press <Enter>.
```

g. Elixir Opción 1. IP Configuration.

```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1990  0:01:59 ^
===== CONSOLE - MANAGER MODE =====
Switch Management Access Configuration - Internet (IP) Service

Time Sync. mode [None] : None

VLAN  IP Config  IP Address  Subnet Mask
-----+-----
Default | Manual      10.254.0.3  255.0.0.0
hola   | DHCP/Bootp

Actions->  Cancel  Edit  Save  Help

Edit the fields displayed above.
Use arrow keys to change action selection and <Enter> to go to Actions.
```

h. Moverse á Edit.

NOTA: Para moverse emplegar as teclas frechas e para ex tecla Enter..

```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1990  0:02:29 ^
===== CONSOLE - MANAGER MODE =====
Switch Management Access Configuration - Internet (IP) Service

Time Sync. mode [None] : None

VLAN  IP Config  IP Address  Subnet Mask  Gateway
-----+-----
Default | Manual      10.254.0.3  255.0.0.0    10.0.0.1
hola   | DHCP/Bootp

Actions->  Cancel  Edit  Save  Help

Use arrow keys to change field selection, <Space> to toggle field choices,
and <Enter> to go to Actions.
```

i. Moverse a IP Config para elixir a configuración IP Manual.

```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1990  0:02:29 ^
===== CONSOLE - MANAGER MODE =====
Switch Management Access Configuration - Internet (IP) Service

Time Sync. mode [None] : None

VLAN  IP Config  IP Address  Subnet Mask
-----+-----
Default | Manual      10.254.0.3  255.0.0.0
hola   | DHCP/Bootp

Actions->  Cancel  Edit  Save  Help

Select the method to enable IP access for switch management.
Use arrow keys to change field selection, <Space> to toggle field choices,
and <Enter> to go to Actions.
```

k. Elixir Configuración IP Manual.

```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1990  0:03:02 ^
=====
Switch Management Access Configuration - Internet (IP) Service

Time Sync. mode [None] : None

VLAN   +  IP Config  IP Address  Subnet Mask  Gateway
-----+-----
Default | Manual    10.254.0.3  255.0.0.0    10.0.0.1
hola    | DHCP/Bootp

Actions->  Cancel  Edit  Save  Help

Enter the IP address of the switch (or VLAN IP interface).
Use arrow keys to change field selection, <Space> to toggle field choices,
and <Enter> to go to Actions.
```

l. IP: 10.254.0.3.

```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1990  0:03:02 ^
=====
Switch Management Access Configuration - Internet (IP) Service

Time Sync. mode [None] : None

VLAN   +  IP Config  IP Address  Subnet Mask  Gateway
-----+-----
Default | Manual    10.24.200.1  255.0.0.0    10.0.0.1
hola    | DHCP/Bootp

Actions->  Cancel  Edit  Save  Help

Enter the IP address of the switch (or VLAN IP interface).
Use arrow keys to change field selection, <Space> to toggle field choices,
and <Enter> to go to Actions.
```

m. Modificar IP: 10.24.200.1.

Deixamos os valores existentes da **Máscara de Subrede**: 255.0.0.0 e **Gateway**: 10.0.0.1. Se quixeramos trocalos dirixirse coas frechas a es

```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1990  0:04:29 ^
=====
Switch Management Access Configuration - Internet (IP) Service

Time Sync. mode [None] : None

VLAN   +  IP Config  IP Address  Subnet Mask  Gateway
-----+-----
Default | Manual    10.24.200.1  255.0.0.0    10.0.0.1
hola    | DHCP/Bootp

Actions->  Cancel  Edit  Save  Help

Use arrow keys to change field selection, <Space> to toggle field choices,
and <Enter> to go to Actions.
```

n. Dirixirse á opción Save.

```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1990  0:04:29 ^
=====
Switch Management Access Configuration - Internet (IP) Service

Time Sync. mode [None] : None

VLAN   +  IP Config  IP Address  Subnet Mask  Gateway
-----+-----
Default | Manual    10.24.200.1  255.0.0.0    10.0.0.1
hola    | DHCP/Bootp

Actions->  Cancel  Edit  Save  Help

Save changes and return to previous screen.
Use arrow keys to change action selection and <Enter>
```

ñ. Moverse á Opción Save para gardar a configuración.



```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1998  0:05:11 ^
===== CONSOLE - MANAGER MODE =====
Switch Management Access Configuration Menu

1. IP Configuration
2. SNMP Community Names/Authorized Managers
3. Trap Receivers
4. Console/Serial Link Configuration
5. Console Passwords...
6. IP Authorized Managers
7. Authentication Services
8. Return to Main Menu...

Returns to the console Main menu.
To select menu item, press item number, or highlight item and press <Enter>.
```

o. Escoller a Opción 0. Return to Main Menu... para voltar ao Menú Principal.

```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1998  0:05:11 ^
===== CONSOLE - MANAGER MODE =====
Main Menu

1. Status and Counters...
2. Switch Management Access Configuration (IP, SNMP, Console)
3. Switch Configuration...
4. Event Log
5. Diagnostics...
6. Reboot Switch
7. Download OS
8. Stacking...
8. Logout

Terminates this console session.
To select menu item, press item number, or highlight item and press <Enter>.
```

p. Escoller a Opción 0. Logout para finalizar a conexión.

```
Archivo  Editar  Ver  Terminal  Ayuda
HP ProCurve Switch 2424M      Switch Sala 2      1-Jan-1998  0:05:37 ^
===== CONSOLE - MANAGER MODE =====
Main Menu

1. Status and Counters...
2. Switch Management Access Configuration (IP, SNMP, Console)
3. Switch Configuration...
4. Event Log
5. Diagnostics...
6. Reboot Switch
7. Download OS
8. Stacking...
8. Logout

To select menu item, press item number, or highlight item and press <Enter>.
Do you want to disconnect? [Y/N]
```

q. Para finalizara a conexión pulsar a tecla Y.

4. Agora xa podemos acceder á configuración do Switch mediante un navegador web.