

Device User accessible Connectors in C400 device



How to take SSH Access of the device:

- 1.Power on the device.
- 2.Connect the LAN client to the C400 device to LAN/Ethernet Port.
- 3.Go to a LAN client.
- 4.Check whether from the LAN Client are we able to ping C400 device (ping <device IP>
- 5.Take the SSH of the device. (**ssh root@<device IP>**)

Default C400 IP - 192.168.1.1

Default login details:

User Name: root

Password : arista@123

For your reference:

```
vvdn@2608--QA--C:~$ ssh -o KexAlgorithms=+diffie-hellman-group1-sha1 root@192.168.1.1

BusyBox v1.36.1 (2025-01-13 12:02:35 UTC) built-in shell (ash)

      MM      NM      MMMMMM      M      M
    SMMMMM    M      M      M      M      M
  MMMMMMMM    MM  MMMM.    MMMM  MMMM:MMMMM:  MM  MM
MMM=  MMMM    MM  MM      MMMM  MM  MMMM    MM  MMMM'
MMM=  MMMM    MM  MM      MMMM  MM  MM      MMMMMMMMM
MMM=  MM      MMMM      MMMM  MM  MM      MMMMMMMM
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MMM=  MM      MMMM,    MMMMMMMM  MM  MM      MMMMMMMMM
MMM=  MM      MMMMM  MMMMMMMM  MM  MM      MM      MMMMM
MMM=  MM      MM  MM      MM      MM  MM      MM      MM
MMMM$ ,MMMM  MMMM  MM      MM      MM  MM      MM      MM
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      M      M      M      M      M      M      M

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For those about to rock... OpenWrt 23.05-SNAPSHOT, r0-3b4224a00
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*** WARNING! ***
There is no root password defined on this device!
Use the "passwd" command to set up a new password
in order to prevent unauthorized SSH logins.
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root@OpenWrt:~#
```

How to take Console Access of the device:

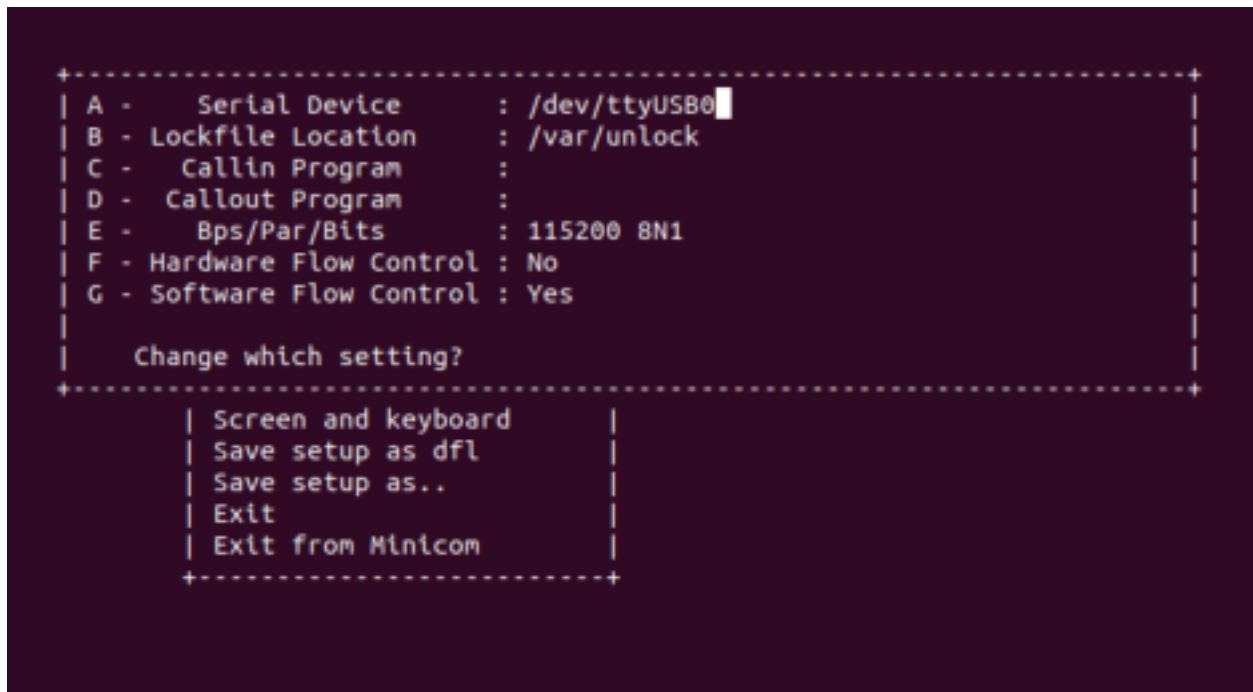
1. Power on the device using DC Power or POE
2. Connect the console cable from C400 device console port to PC or Laptop.
3. Go to PC or Laptop terminal.
4. [Linux]Execute the “sudo minicom -s” and give the password of the laptop or pc.

```
vvdn@2608--QA--C:~$ sudo minicom -s
[sudo] password for vvdn:
```

[windows] use Teraterm or Putty for Console access and select the COM PORT



5. Configure the minicom
[Linux]

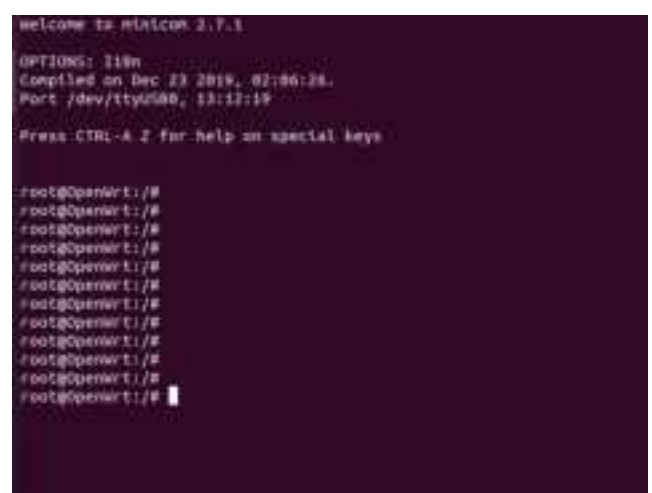
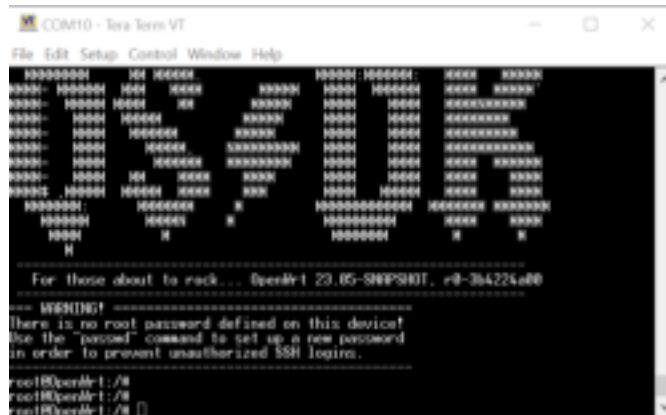


[windows]



6. Save and exit.

Reference:



FTM Commands Steps and Procedure

Once the board gets boots up, then we need to run below commands to set FTM mode and transmit all chains in Full Power

// below commands for setting the board to FTM mode

```
uci set wireless.wifi0.disabled=1
uci set wireless.wifi1.disabled=1
uci set wireless.wifi2.disabled=1
uci set wireless.qcawifi=qcawifi
uci set wireless.qcawifi.testmode='1'
uci commit
sync
wifi load
```

// Below commands for setting full power in each radio

```
myftm -J -i wifi1 -l 0 -f 2442 -M 2 --rateBw 30 --gl 52 -r 20 --nss 1 -a 3 -k 1 -z 1 -p 24 -Y
00:03:7F:44:55:81 -s 64000 --dpdflag -t 3
```

```
myftm -J -i wifi0 -l 0 -f 5500 -M 2 --rateBw 30 --gl 52 -r 20 --nss 1 -a 3 -k 1 -z 1 -p 20 -Y
00:03:7F:44:55:81 -s 64000 --dpdflag -t 3
```

```
myftm -J -i wifi2 -l 0 -f 6515 -M 2 --rateBw 30 --gl 52 -r 22 --nss 1 -a 3 -k 1 -z 1 -p 16 -Y
00:03:7F:44:55:81 -s 64000 --dpdflag -t 3
```

//To turn off the Transmitter need to run below commands

```
myftm -J -i wifi1 -l 0 -f 2442 -M 2 --rateBw 30 --gl 52 -r 20 --nss 1 -a 3 -k 1 -z 1 -p 24 -Y
00:03:7F:44:55:81 -s 64000 --dpdflag -t 0
```

```
myftm -J -i wifi0 -l 0 -f 5500 -M 2 --rateBw 30 --gl 52 -r 20 --nss 1 -a 3 -k 1 -z 1 -p 20 -Y
00:03:7F:44:55:81 -s 64000 --dpdflag -t 0
```

```
myftm -J -i wifi2 -l 0 -f 6515 -M 2 --rateBw 30 --gl 52 -r 22 --nss 1 -a 3 -k 1 -z 1 -p 16 -Y
00:03:7F:44:55:81 -s 64000 --dpdflag -t 0
```