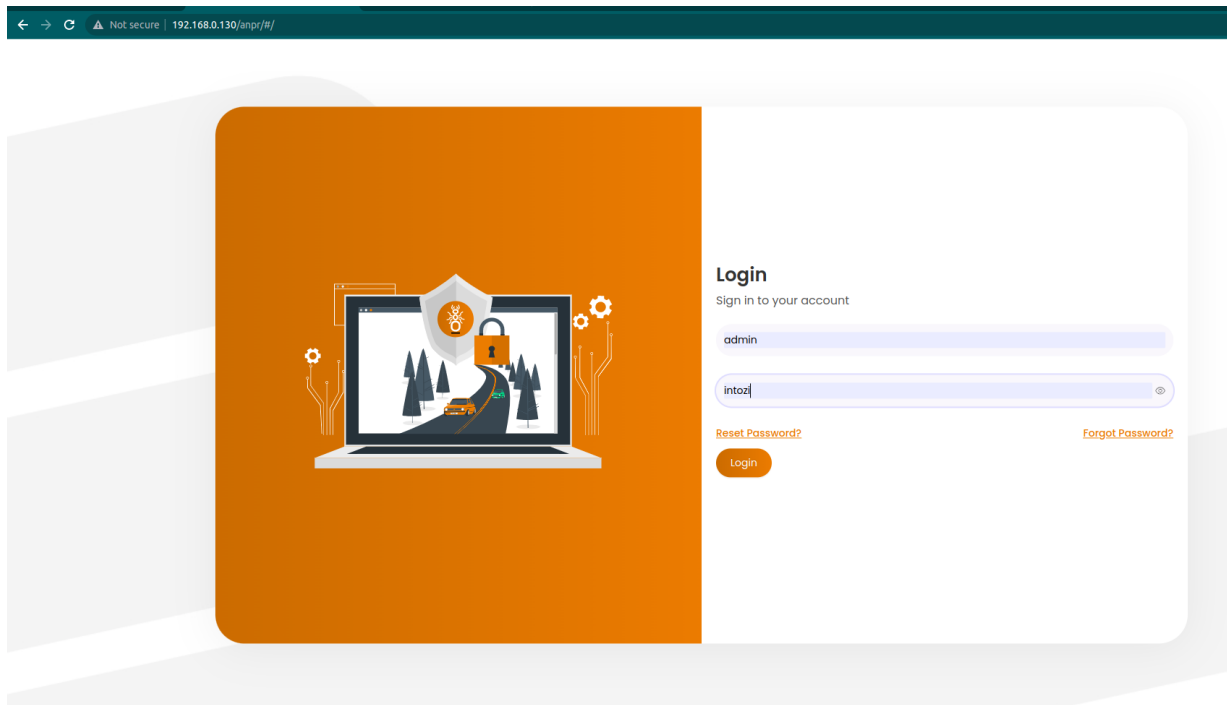
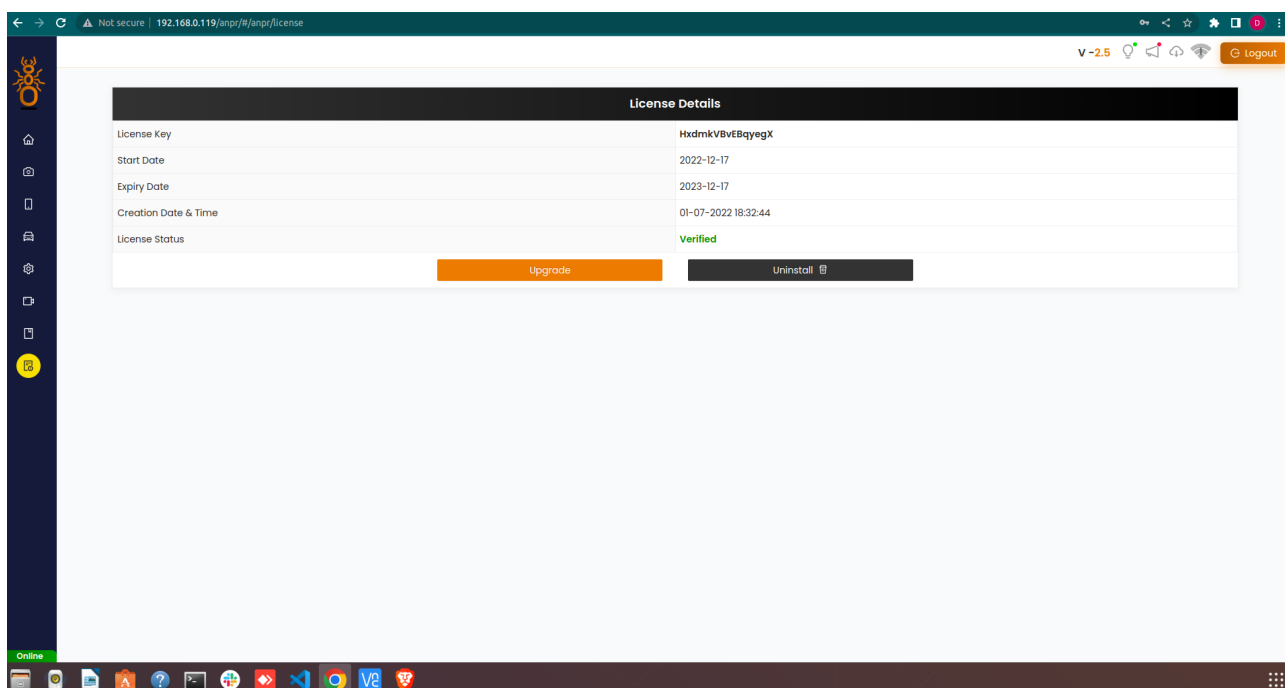


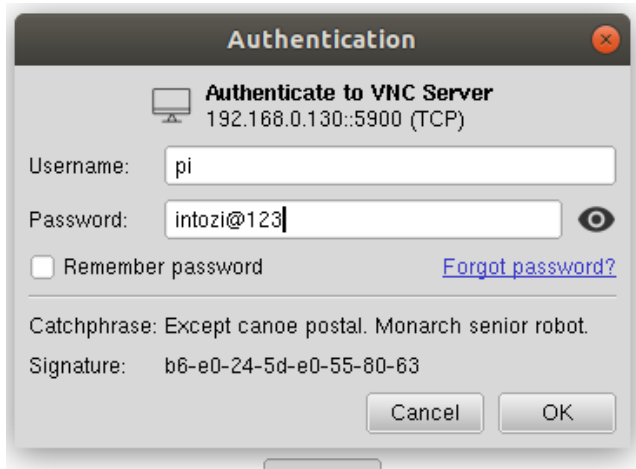
Note : ANPR camera and your laptop must be in a same network with same IPseries(like 192.168.0.XYZ)



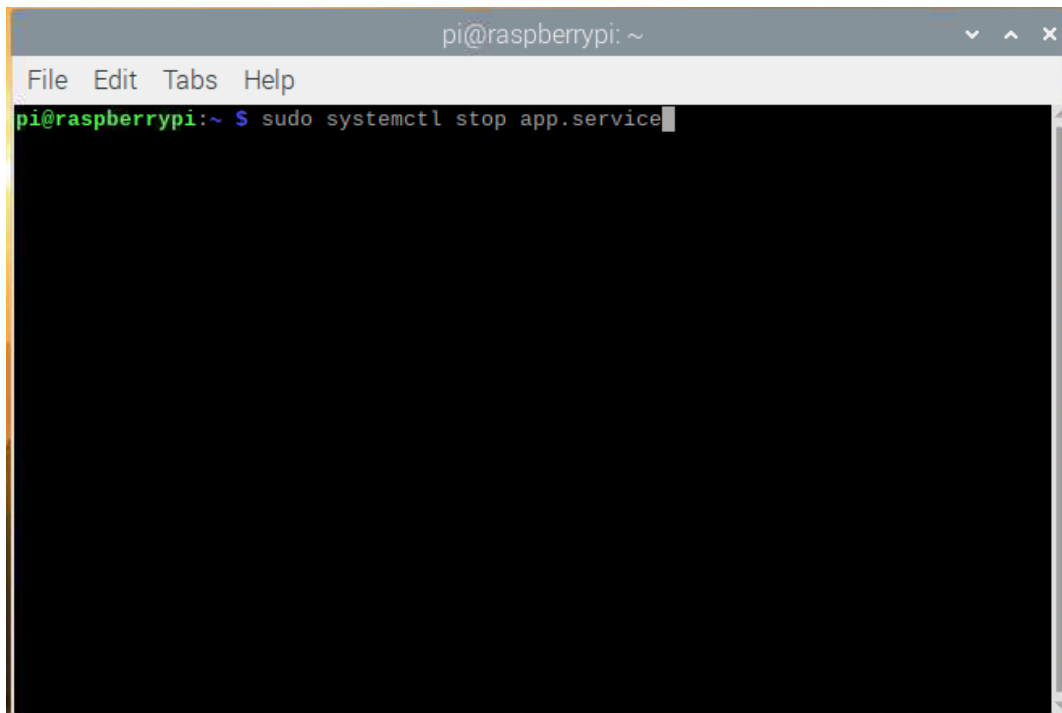
1. Update the firmware version from INT PARK N 1.1 to INT PARK N 1.6 (or with latest version avail) by clicking **just one time** on the update button which is popped on below the firmware version and wait for Version updation.
2. Goto License tab and verify the License (**Ask for ANPR-N License and wait for successfully verified**).



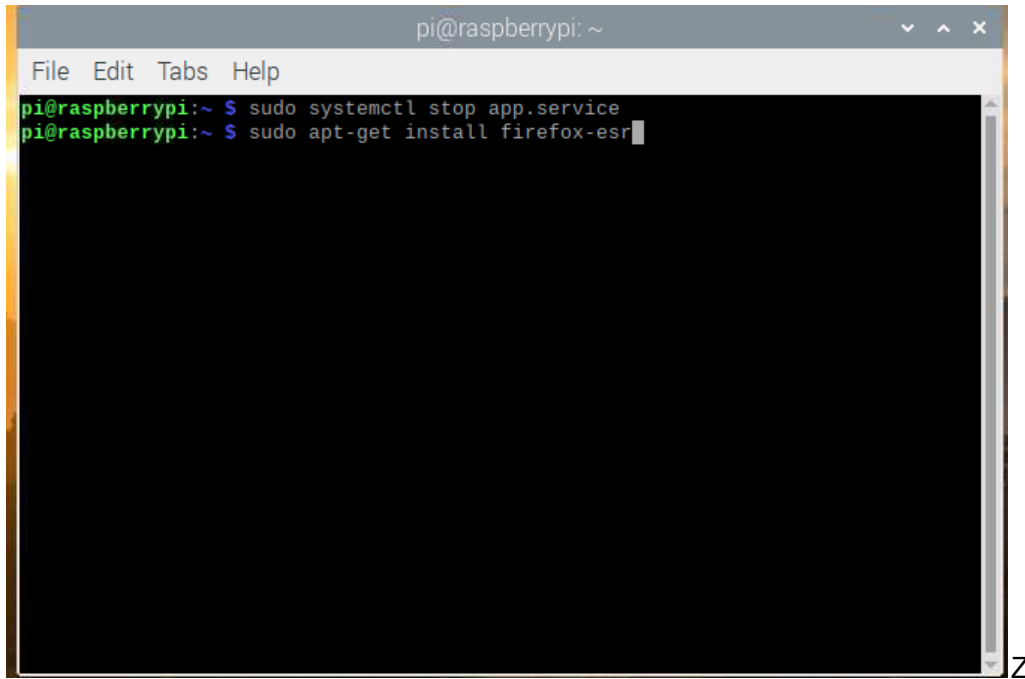
3. Goto VNC Viewer and login for Pi. (Install VNC Viewer first)
 - 3.a : Enter the ANPR IP 192.168.0.119



4. Open terminal in Pi and type for "**sudo systemctl stop app.service**".



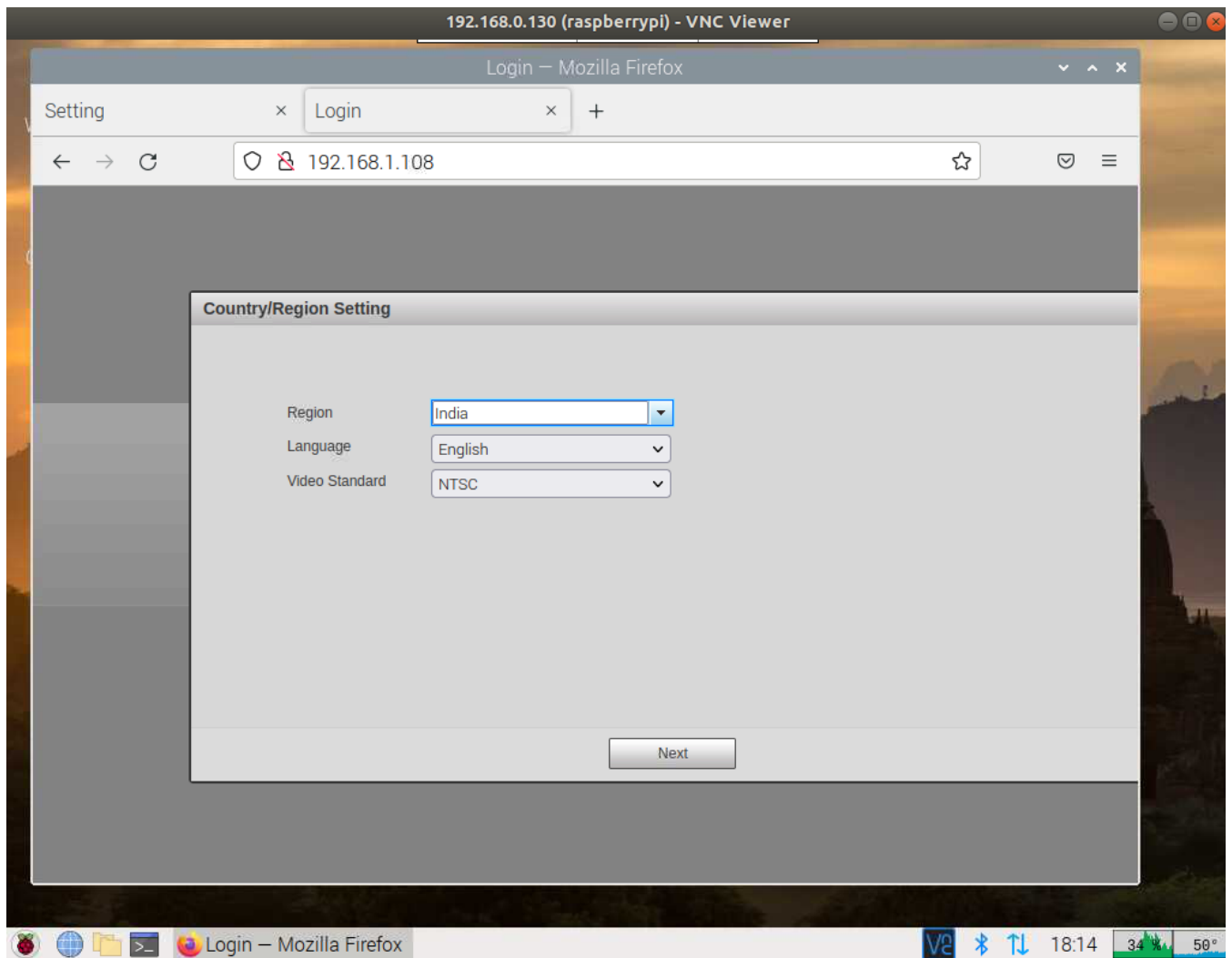
5. Install the firefox browser from the Pi terminal using the “ **sudo apt install firefox-esr** ” command.

A screenshot of a terminal window titled 'pi@raspberrypi: ~'. The window has a menu bar with 'File', 'Edit', 'Tabs', and 'Help'. The terminal shows two commands entered: 'sudo systemctl stop app.service' and 'sudo apt-get install firefox-esr'. The cursor is at the end of the second command. A vertical scrollbar is visible on the right side of the terminal area. A small 'Z' character is located at the bottom right corner of the terminal window frame.

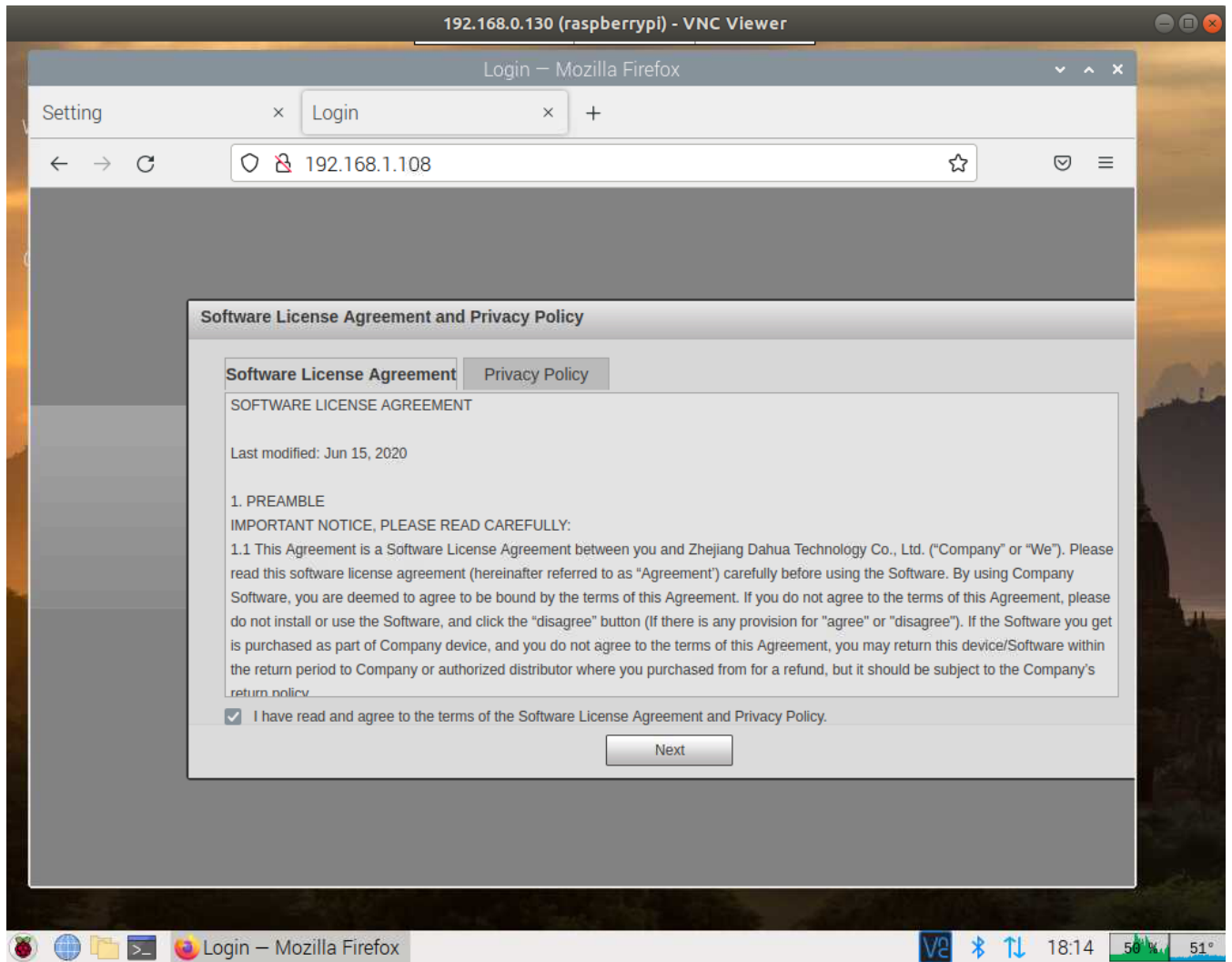
```
pi@raspberrypi: ~
File Edit Tabs Help
pi@raspberrypi:~ $ sudo systemctl stop app.service
pi@raspberrypi:~ $ sudo apt-get install firefox-esr
```

Note : Login the Dahua Camera in firefox and hit the IP 192.168.1.108

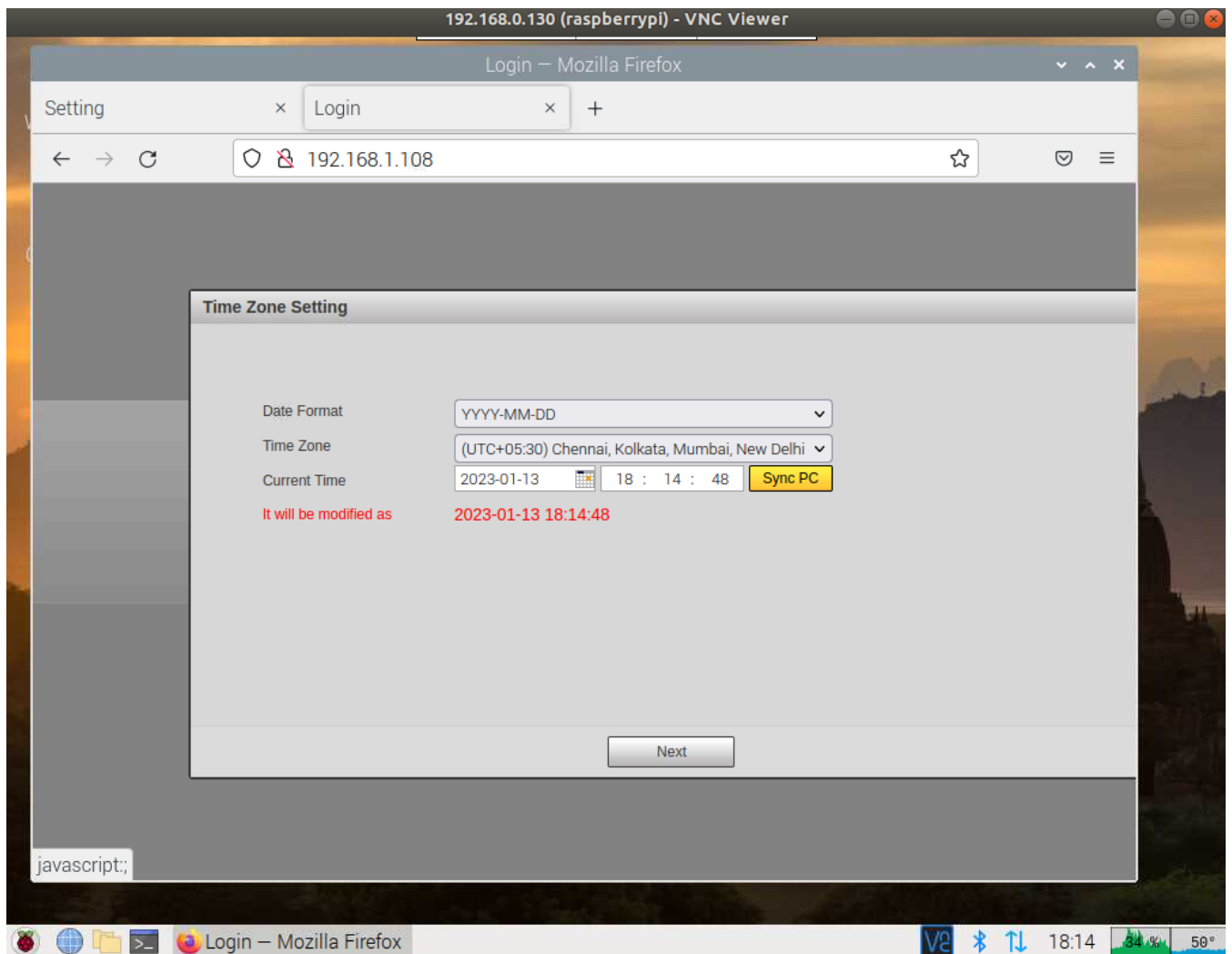
6. Configure the ETH1 and set the camera parameters like Video, Day/Night settings etc



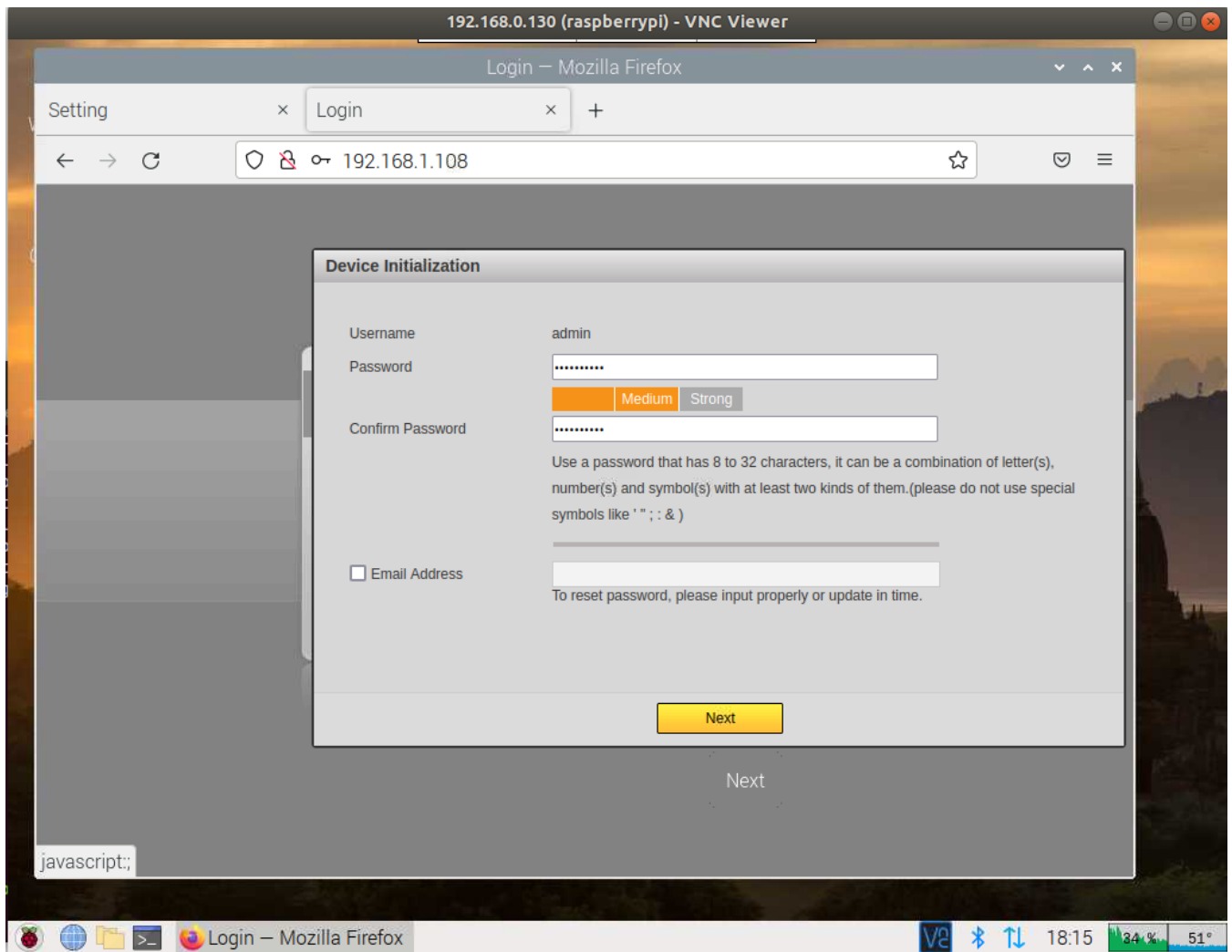
Check for the checkbox.



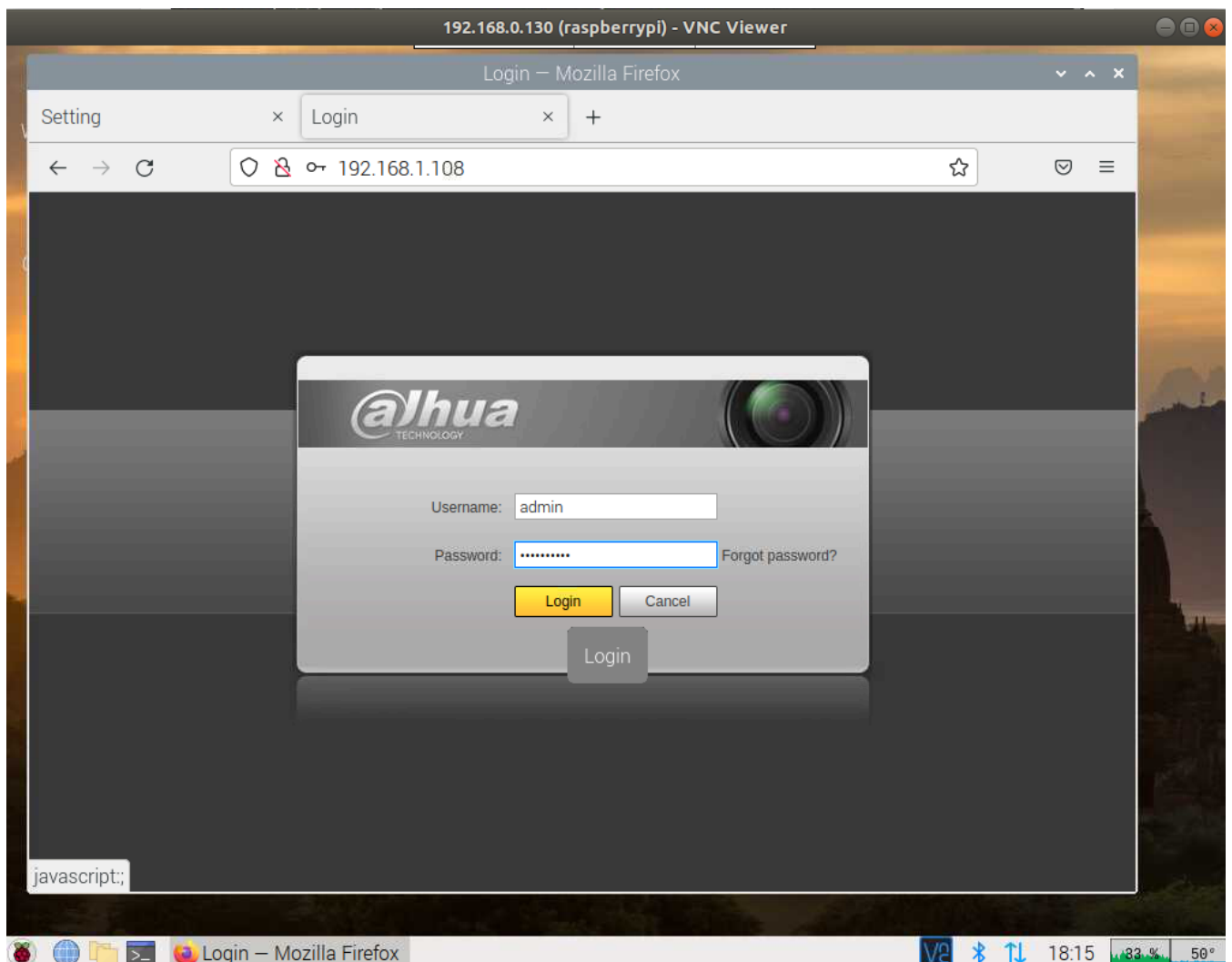
Select the TimeZone if not select accordingly and sync PC the current time.



Type for password : intozi@123 .
Uncheck the Email address.

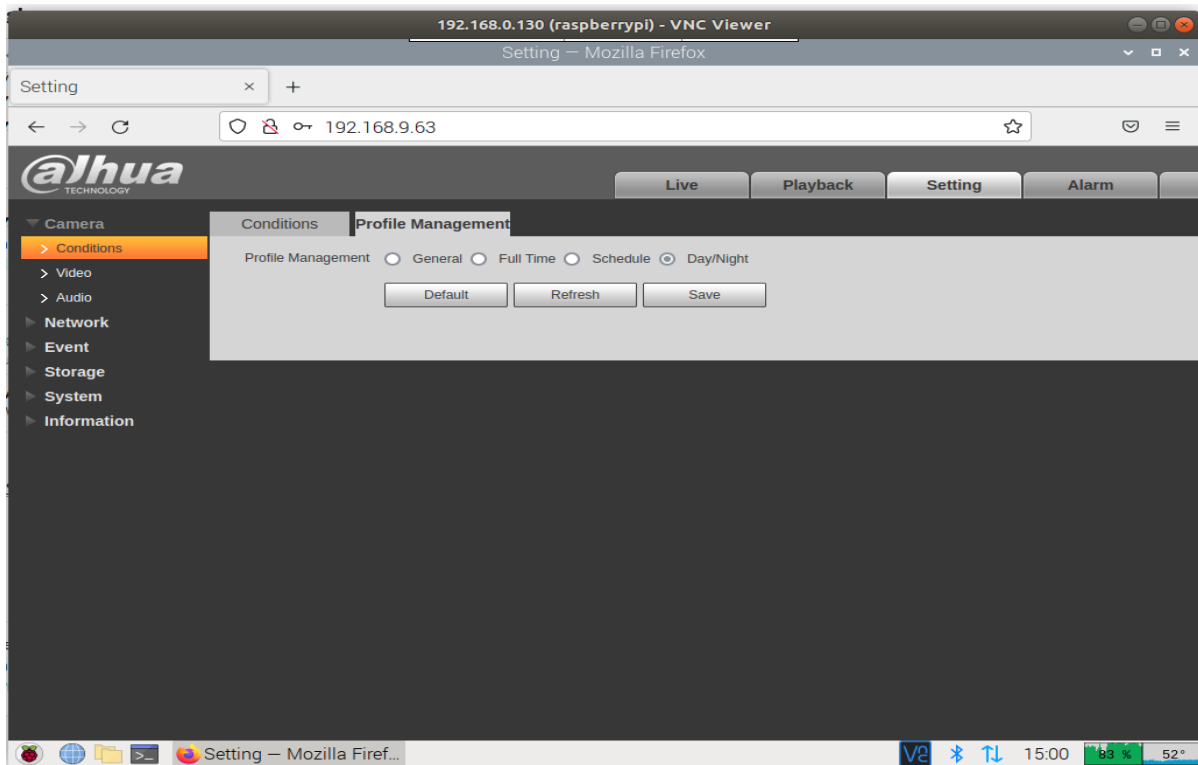


Login the Camera with above give credentials like (admin & intozi@123) .

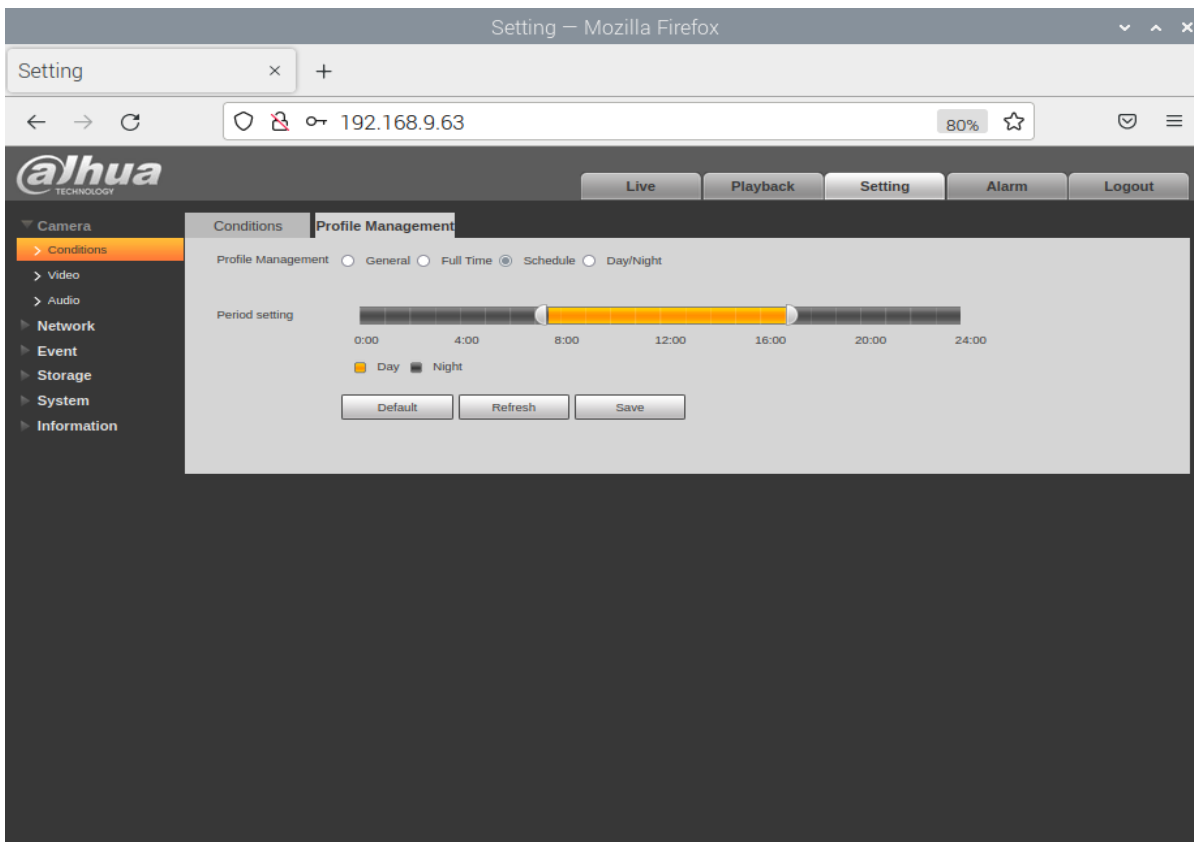


Once login the camera now goto " Settings " -----> " Conditions " -----> " Profile Management "

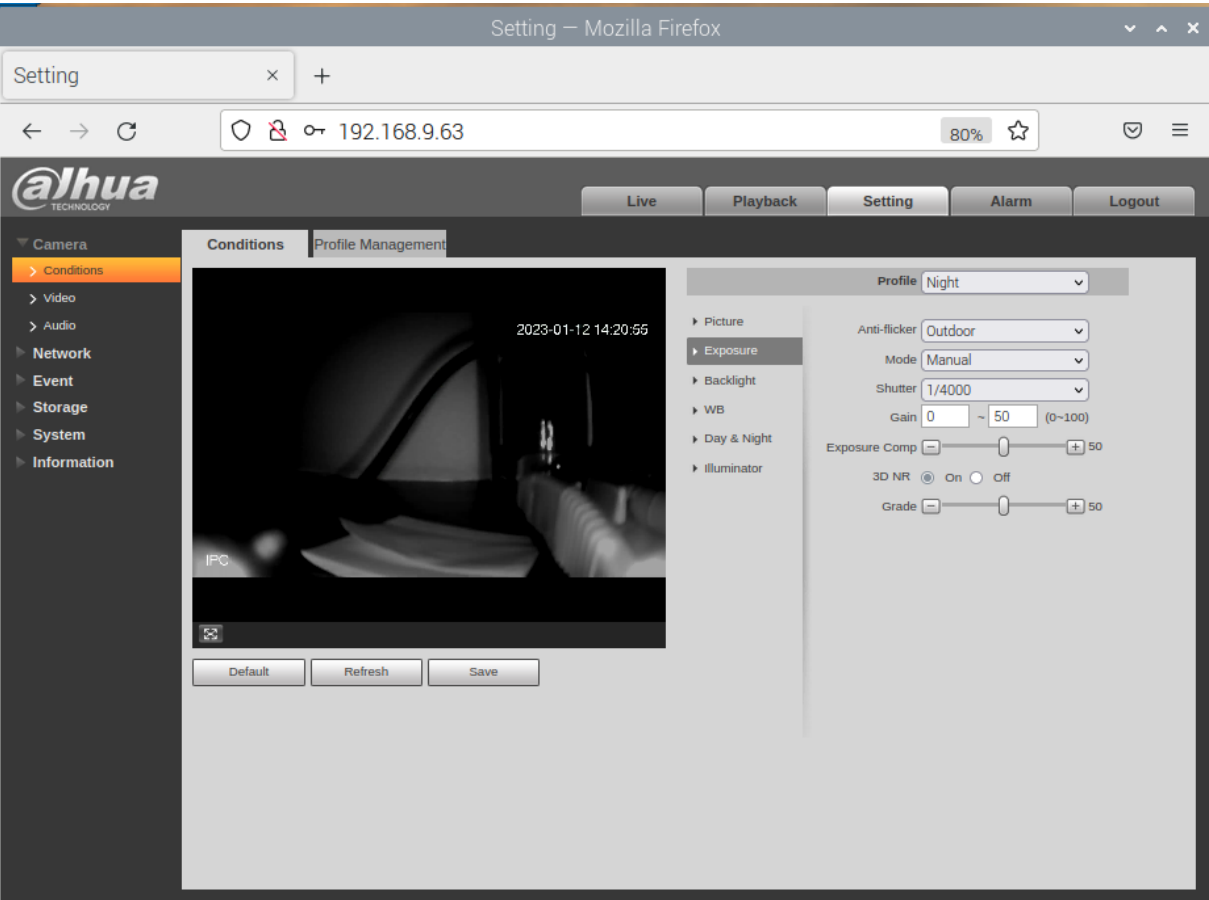
6(a) Either select Day/Night.



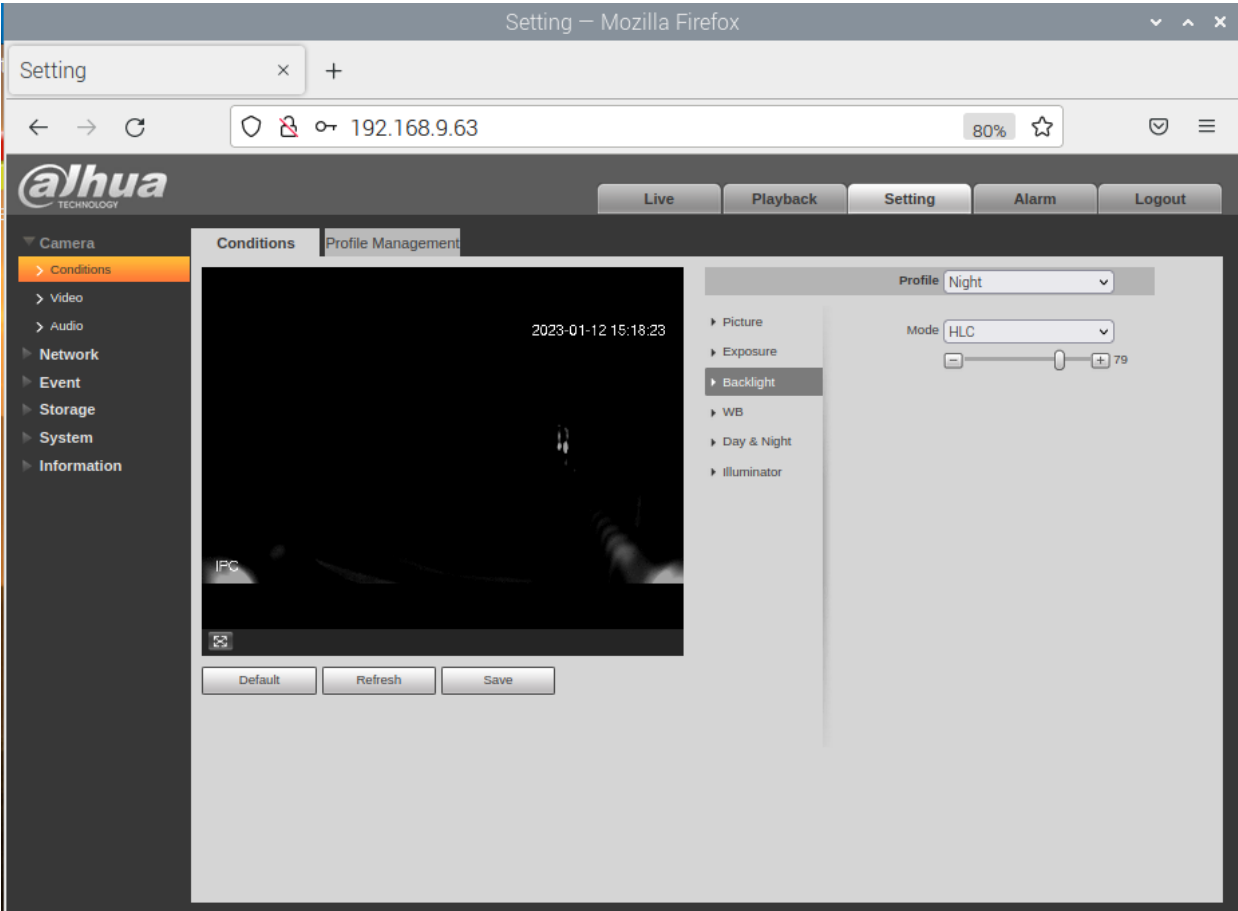
6(b) Or introduce the timings scheduler.



7. Now come to conditions and select the profile Night and Set the values for Exposure as per the SS.



8. Set for the Backlight : HLC - 79 & WDR - 64.



9. Now come to the Video tab and match the parameters as per the SS. (For Highways)

Setting — Mozilla Firefox

Setting

192.168.9.63 80%

Setting Live Playback Alarm Logout

Camera

Conditions

Video

Audio

Network

Event

Storage

System

Information

Video Snapshot Overlay ROI

Main Stream

Encode Mode: H.264

Encoding Strategy: General

Resolution: 1920*1080(1080P)

Frame Rate(FPS): 5

Bit Rate Type: VBR

Quality: 6(Best)

Reference Bit Rate: 512-3584Kb/S

Max Bit Rate: 2048 (Kb/S)

I Frame Interval: 10 (5~150)

☐ Watermark Settings

Sub Stream

☒ Enable

Sub Stream 1

Encode Mode: H.265

Resolution: 640*480(VGA)

Frame Rate(FPS): 12

Bit Rate Type: CBR

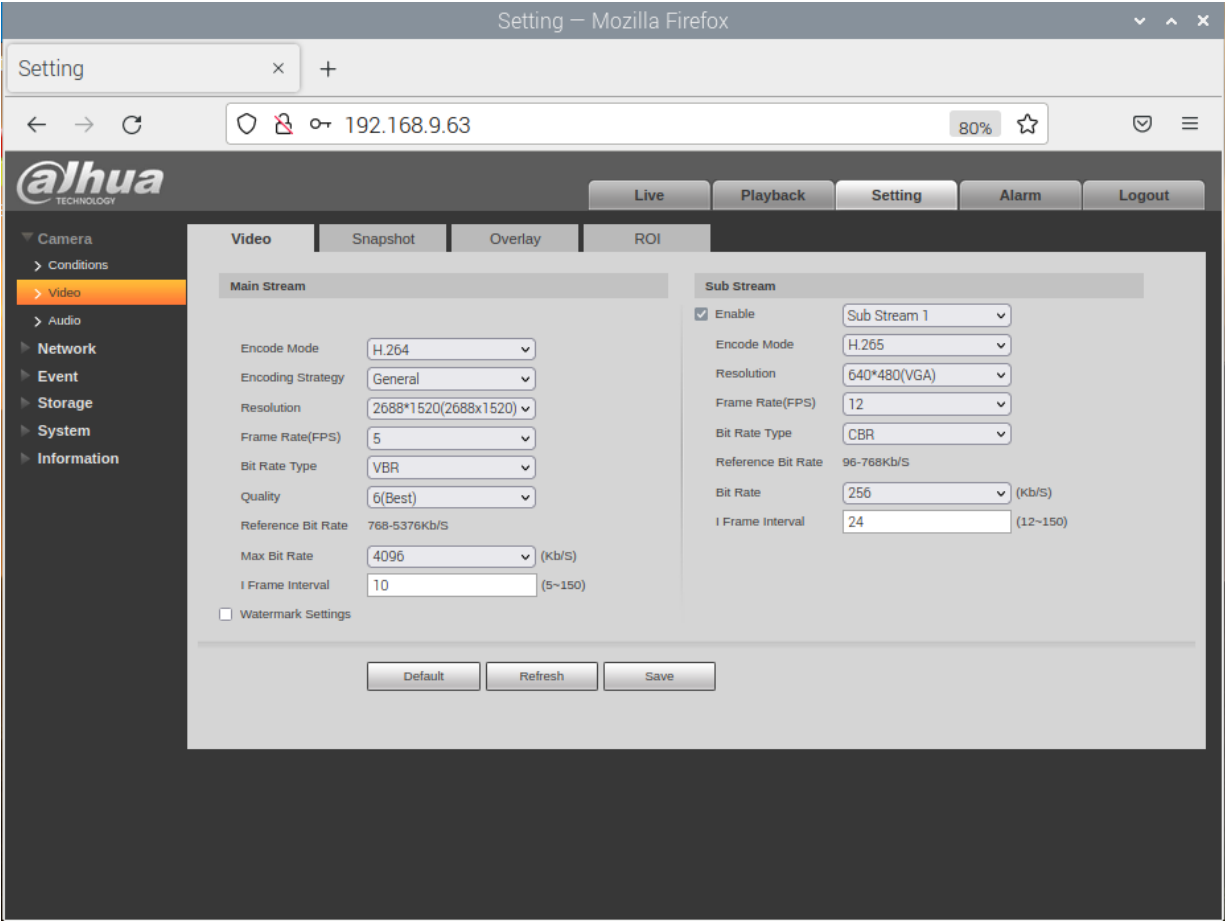
Reference Bit Rate: 96-768Kb/S

Bit Rate: 256 (Kb/S)

I Frame Interval: 24 (12~150)

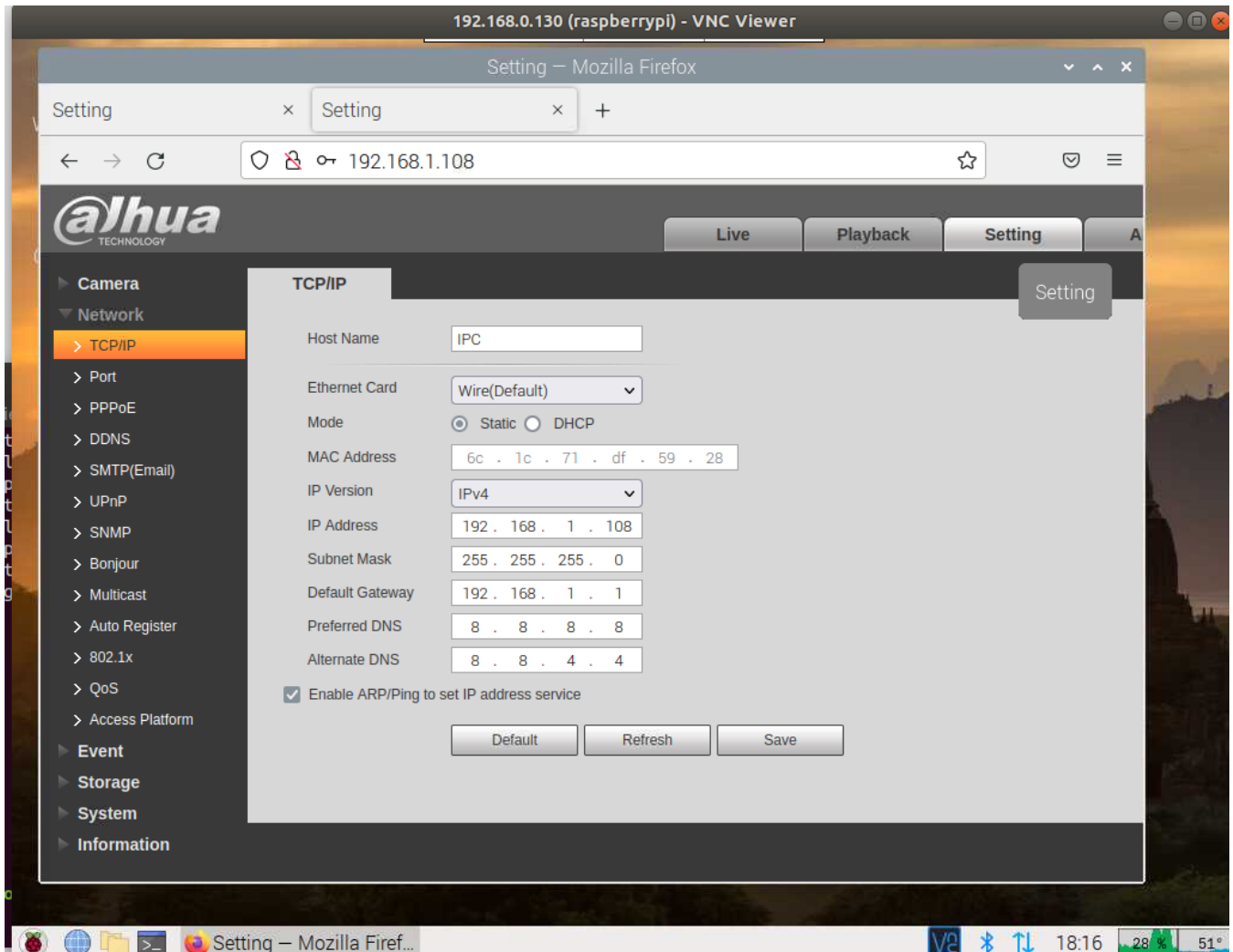
Default Refresh Save

For Parking



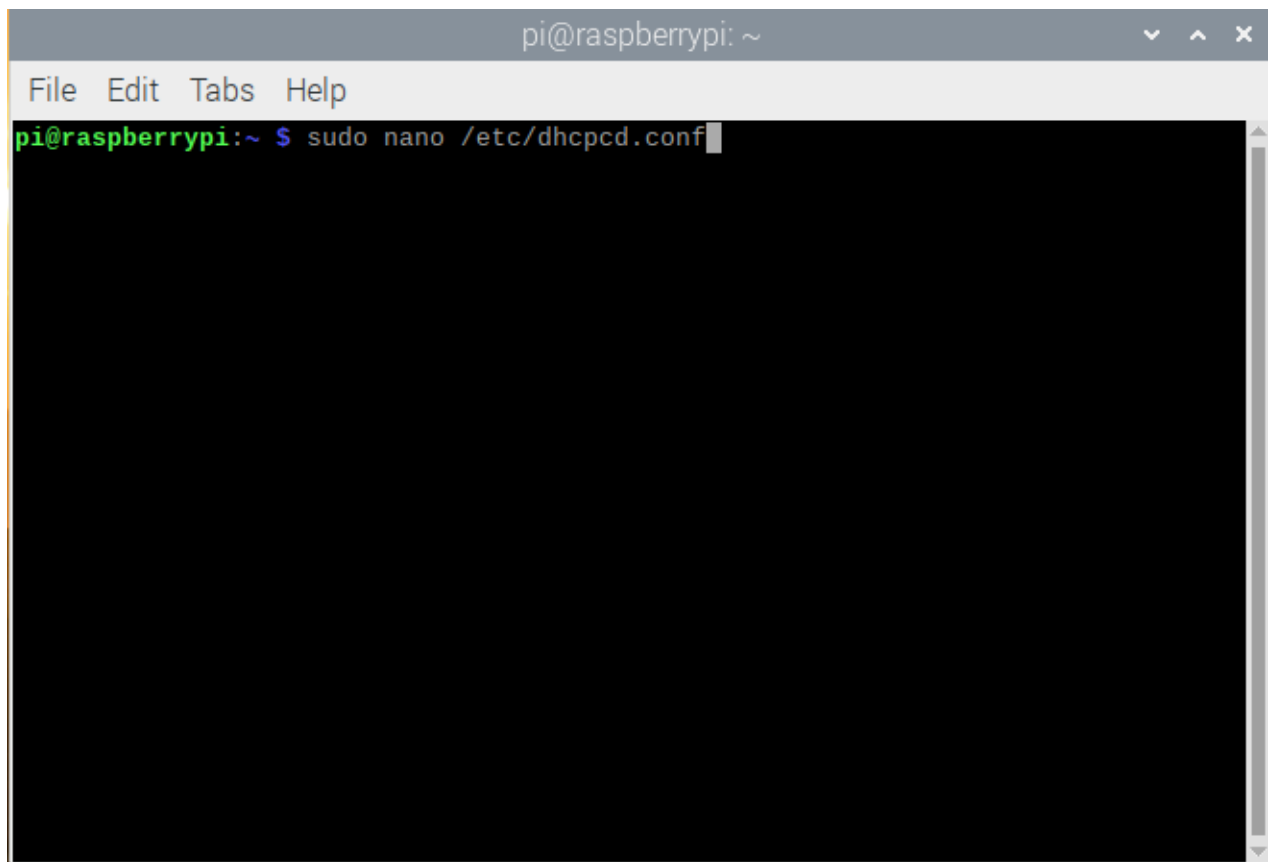
10. Now come to the Network -----> TCP/IP tab.

In which make the IP Add. 192.168.9.63 and Gateway : 192.168.9.1 and save the configurations.



Note : Once you save the network configurations the camera is automatically logging out. To login the camera @ IP 192.168.9.63 follow the 11th point.

11. Open the vnc terminal and type the following command “ **sudo nano /etc/dhcpd.conf** ”

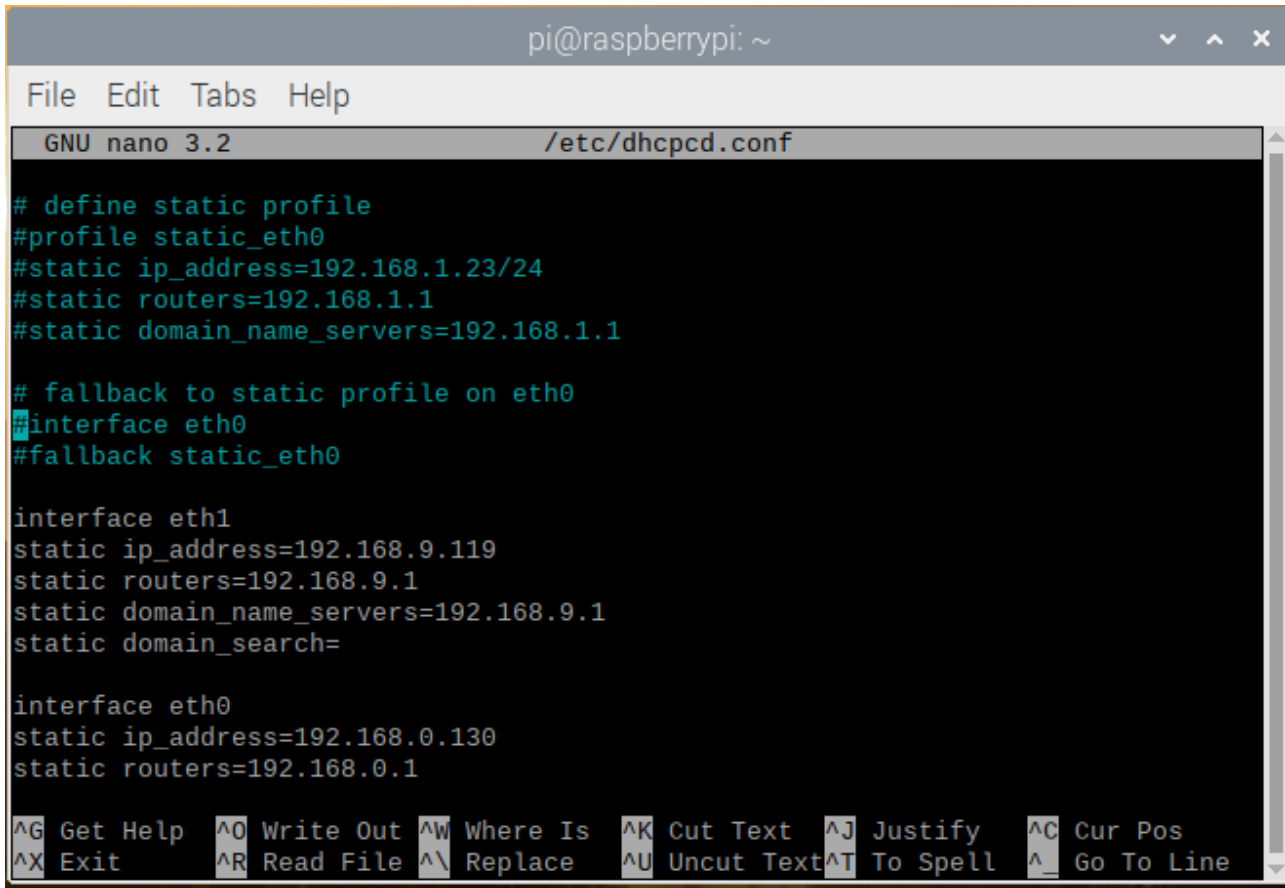


The image shows a VNC terminal window titled "pi@raspberrypi: ~". The window has a menu bar with "File", "Edit", "Tabs", and "Help". The terminal prompt is "pi@raspberrypi:~" and the command "sudo nano /etc/dhcpd.conf" is being entered. The command is highlighted in blue. The terminal area is black with a white cursor at the end of the command. A vertical scrollbar is visible on the right side of the terminal area.

```
pi@raspberrypi: ~  
File Edit Tabs Help  
pi@raspberrypi:~ $ sudo nano /etc/dhcpd.conf
```


12. Scroll down to navigate the interface eth1 part **only** . And make changes in
Static ip_address=192.168.9.119
Static routers=192.168.9.1
Static domain_name_servers=192.168.9.1

Note : And press ctrl+s and then ctrl+x .



```
pi@raspberrypi: ~
File Edit Tabs Help
GNU nano 3.2 /etc/dhcpd.conf

# define static profile
#profile static_eth0
#static ip_address=192.168.1.23/24
#static routers=192.168.1.1
#static domain_name_servers=192.168.1.1

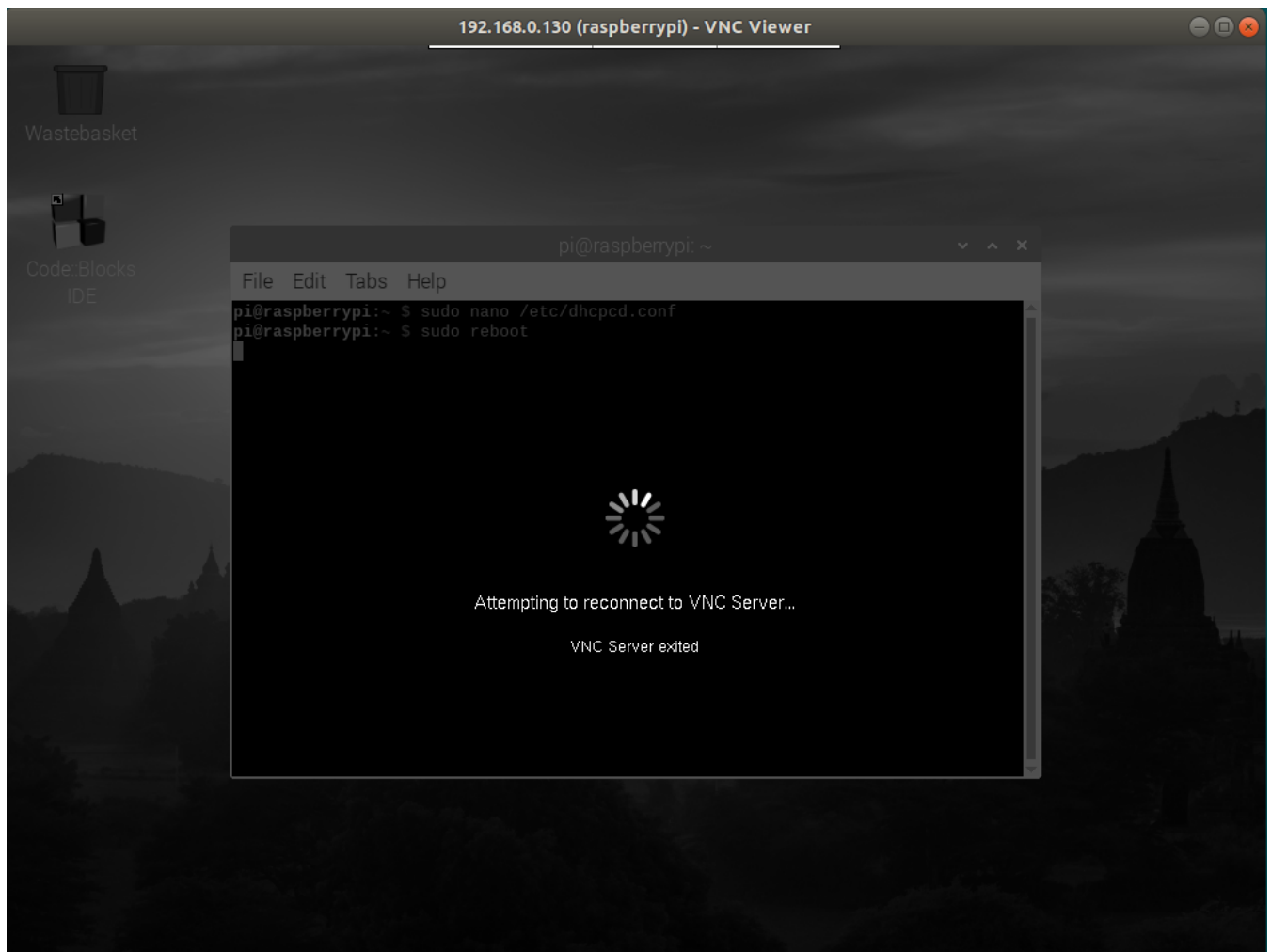
# fallback to static profile on eth0
#interface eth0
#fallback static_eth0

interface eth1
static ip_address=192.168.9.119
static routers=192.168.9.1
static domain_name_servers=192.168.9.1
static domain_search=

interface eth0
static ip_address=192.168.0.130
static routers=192.168.0.1

^G Get Help  ^O Write Out ^W Where Is  ^K Cut Text  ^J Justify   ^C Cur Pos
^X Exit      ^R Read File ^\ Replace   ^U Uncut Text ^T To Spell  ^_ Go To Line
```

Type for the command “ **sudo reboot** “



Note : Once the device is reboot you are able to login the dahua camera at IP : 192.168.9.63 in the VNC's firefox browser.