

Signaltron

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5G Labs – Training Day3

Apr 2025

Confidential

MEC – Usage, Application installation, Route traffic through MEC.

5G Camera – Operation.

5G Evaluation board – 5G Modem, APN settings, AT commands.

5G Usecases – Camera object detection code.

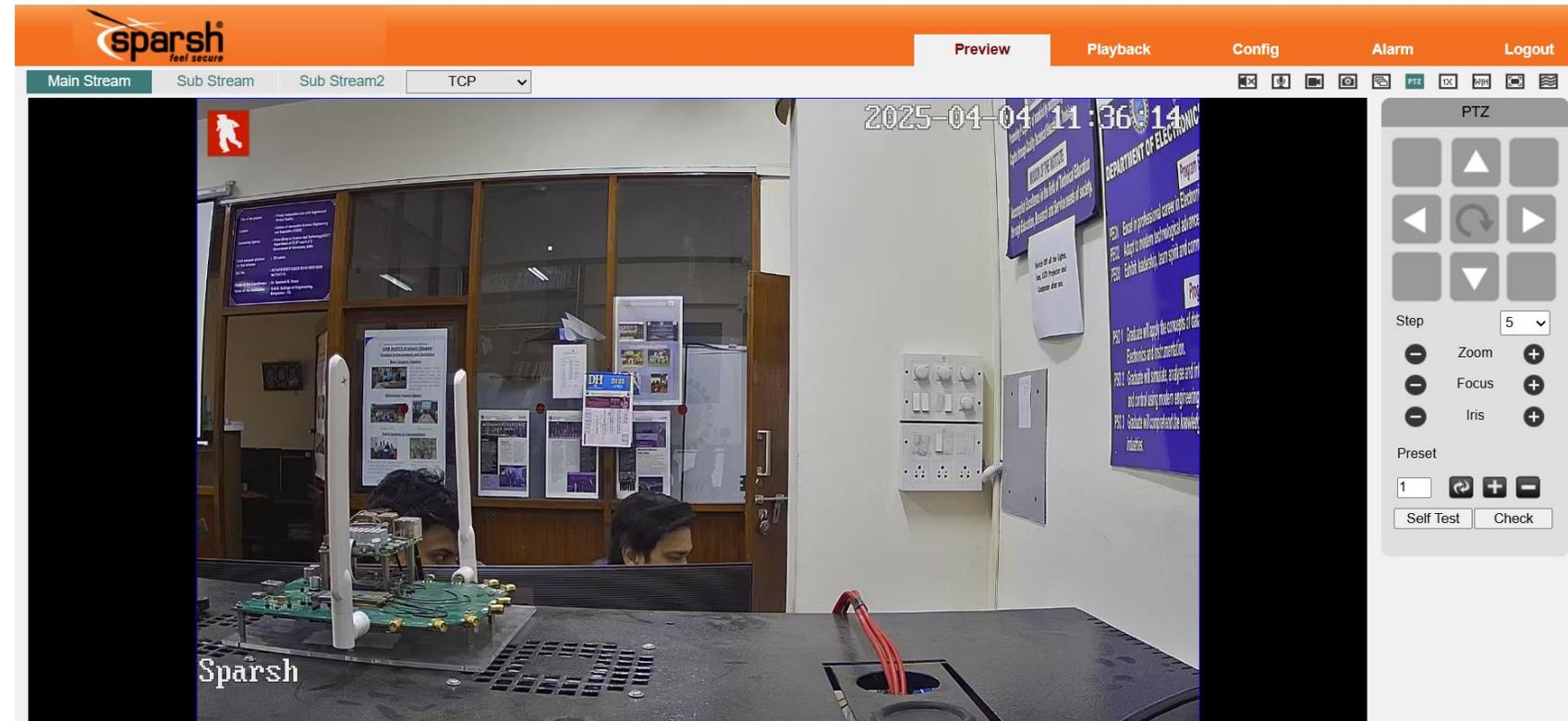
XR Headset – Construction app installation, further usage.

To Login to camera through web browser:

<http://10.101.0.67:8080>

Username: admin

Password: admin123

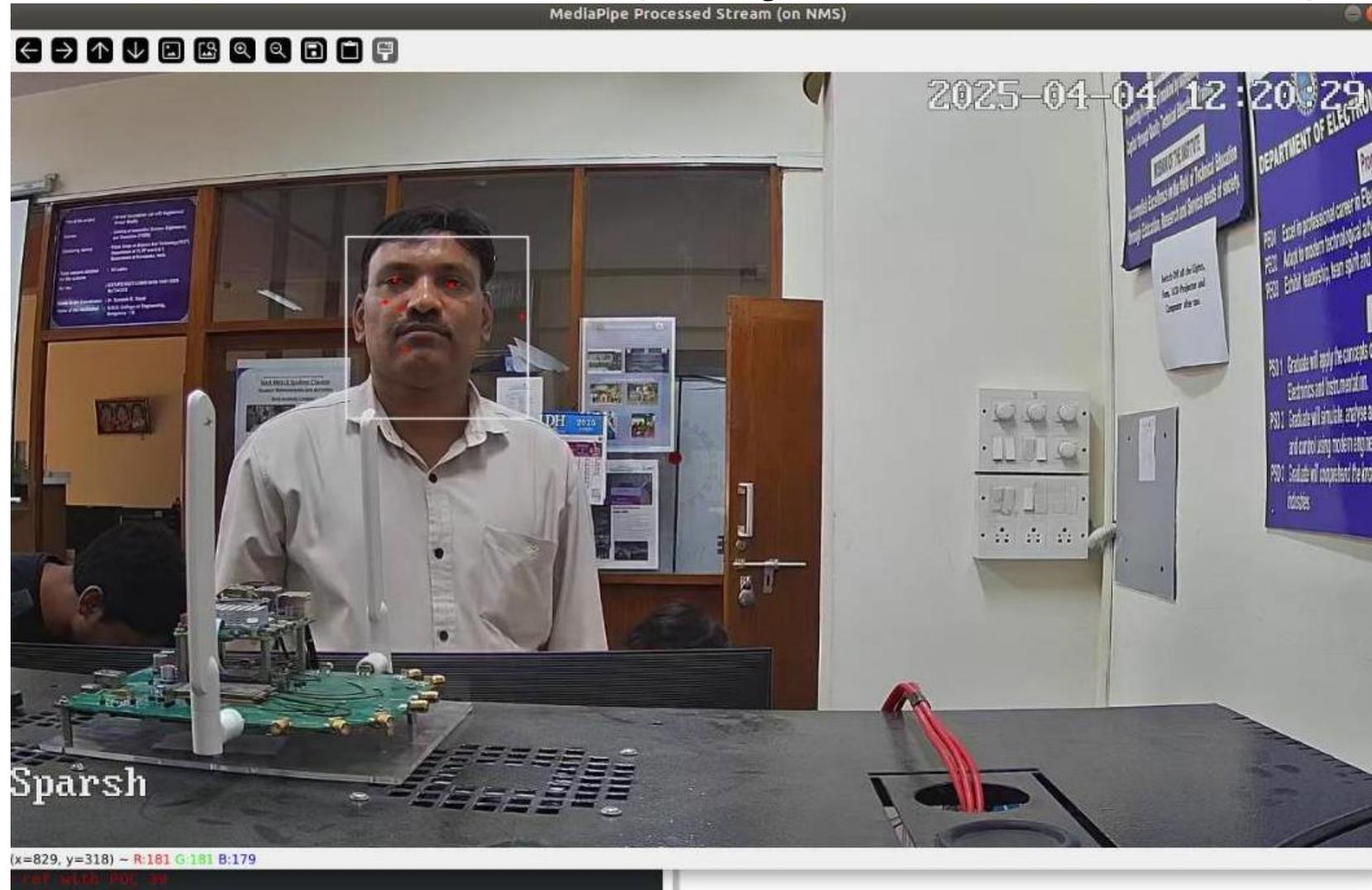


```
ssh -x st@192.168.10.12  
Password: mec@5glabs
```

Ping camera IP address.

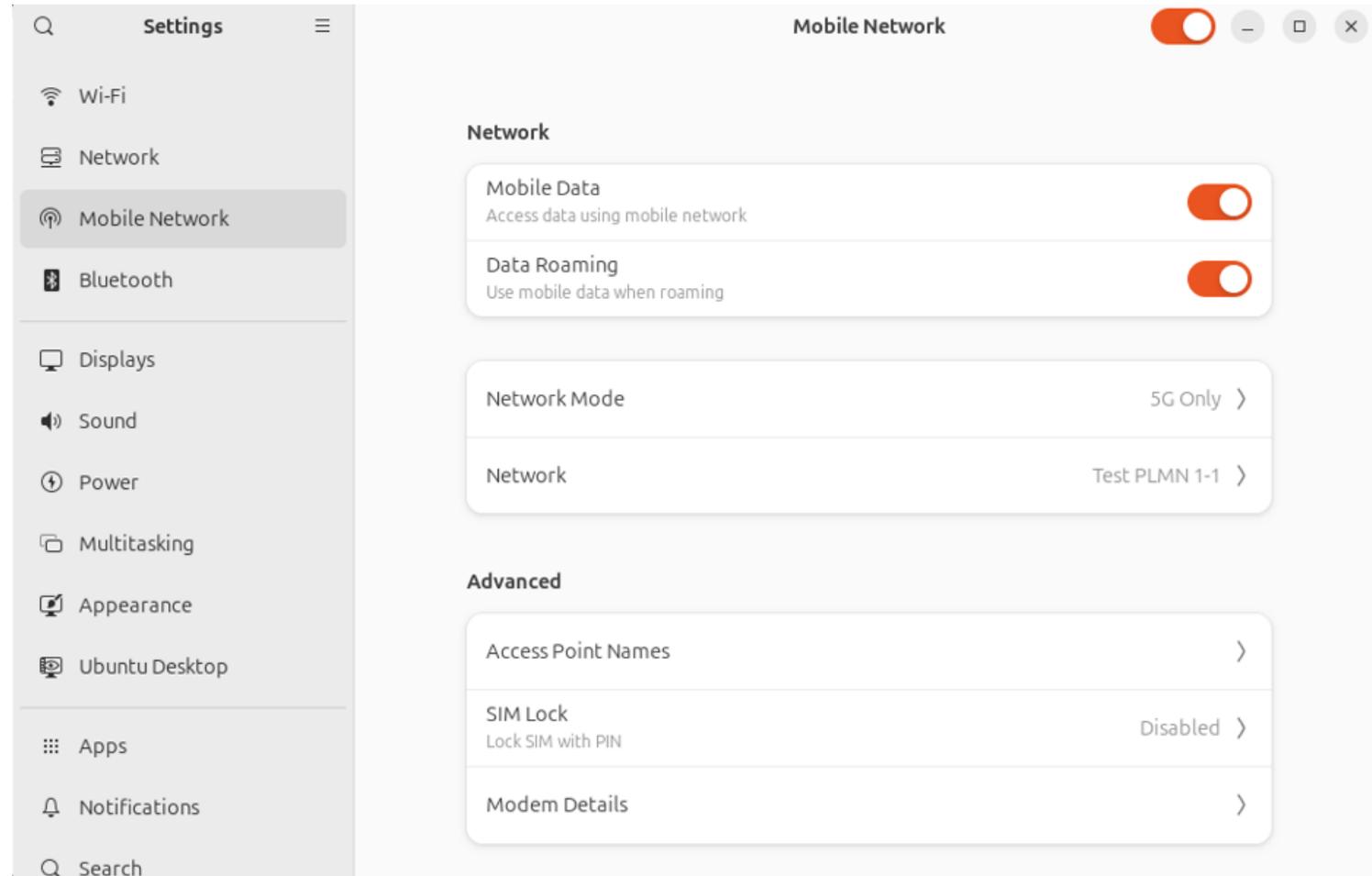
```
> ping 10.101.0.67
```

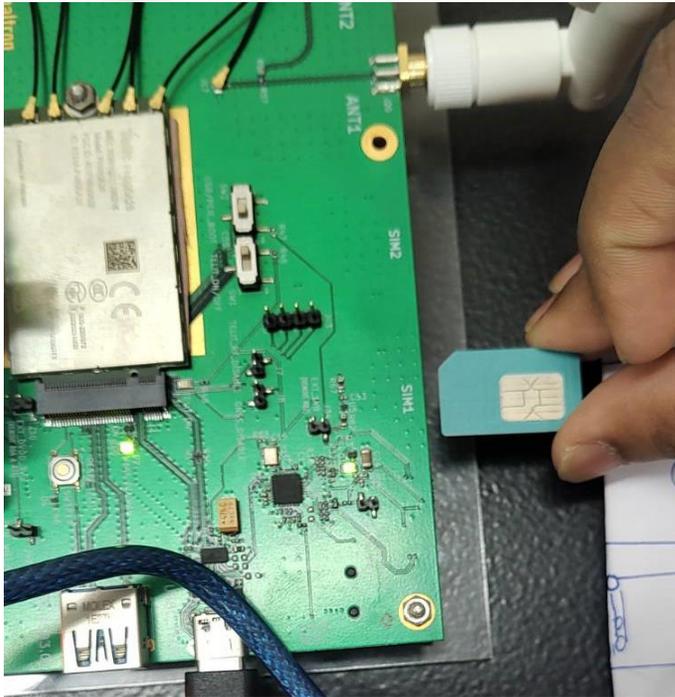
```
> python3 camera_pipe.py
```



Telit 5G module on evalboard:

1. Connect HDMI to the monitor
2. Login username: aryaman
3. password: 12345678

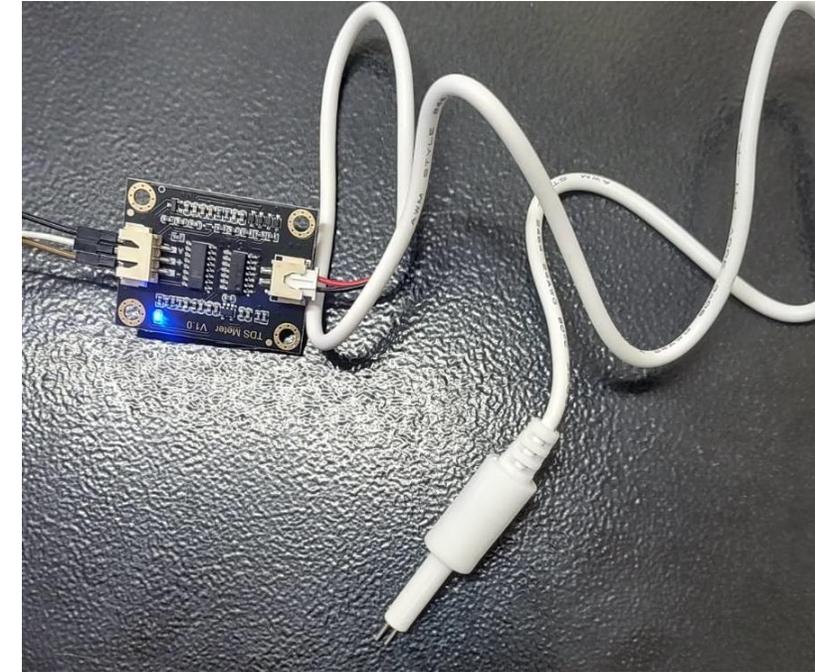




SIM insertion



SIM Arduino



TDS sensor

Important:-

Do not use the Firefox Browser installed in the Raspberry Pi, It crashes the modem manager of the OS rendering the 5G module useless until reboot. Use chromium instead and if it is not installed, install it by typing the following command in the terminal:

AT Commands or 'Attention' Commands is the basis of communication between any cellular modems and its host controller.

Login to evalboard.

- `sudo minicom -D /dev/ttyUSB2`
- `at`
- `OK`
- `at+cops?`
- `+COPS: 0,0,"niralos",11`