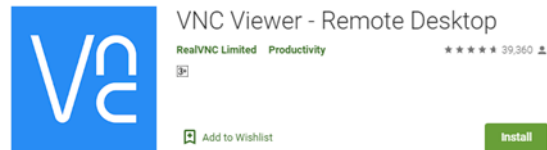


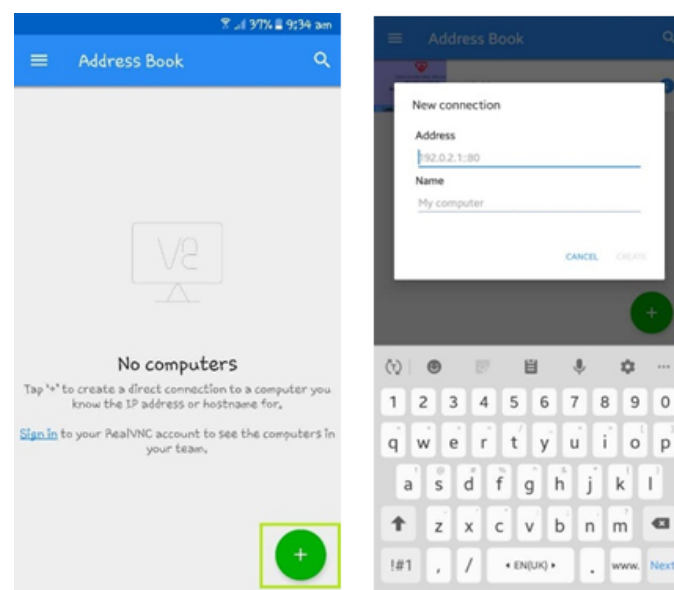
STANDARD OPERATION PROCEDURE FEEDER PILLAR MONITORING

1. VNC Viewer - Remote Dekstop

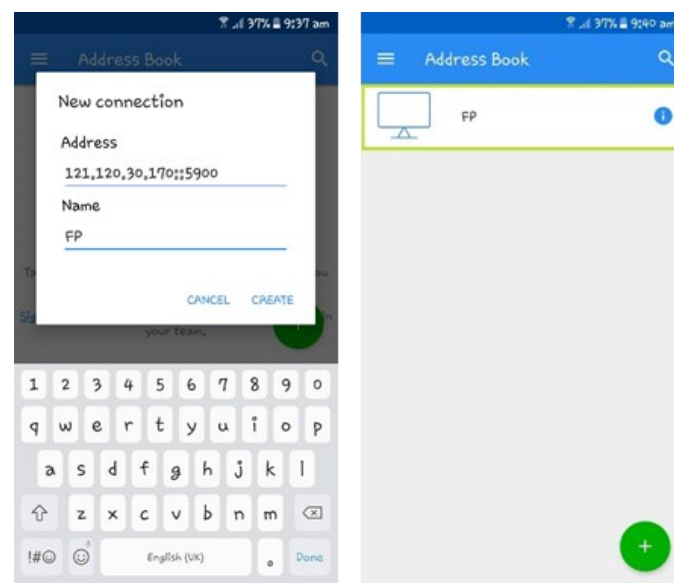


1. Find the “VNC Viewer – Remote Dekstop” on App Store or Playstore
2. Download and install “VNC Viewer – Remote Dekstop”
3. Open “VNC Viewer – Remote Dekstop”

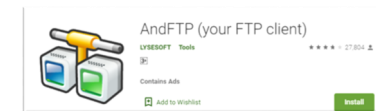
4. Tap “+” on the screen to set up the connection.
5. The IP Address is the IP for the SIM card on modem.



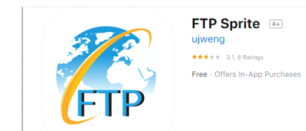
6. Key in the IP Address and Name then tap “CREATE” to proceed. The file will appear on the “ADDRESS BOOK”.
7. Tap the file created on “ADDRESS BOOK” to access the project.
8. Key in password (if have) and continue.



2. File Transfer Protocol, FTP - Data Access



OR

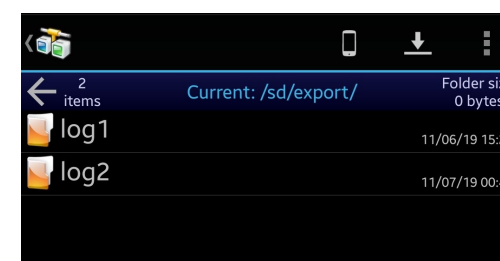
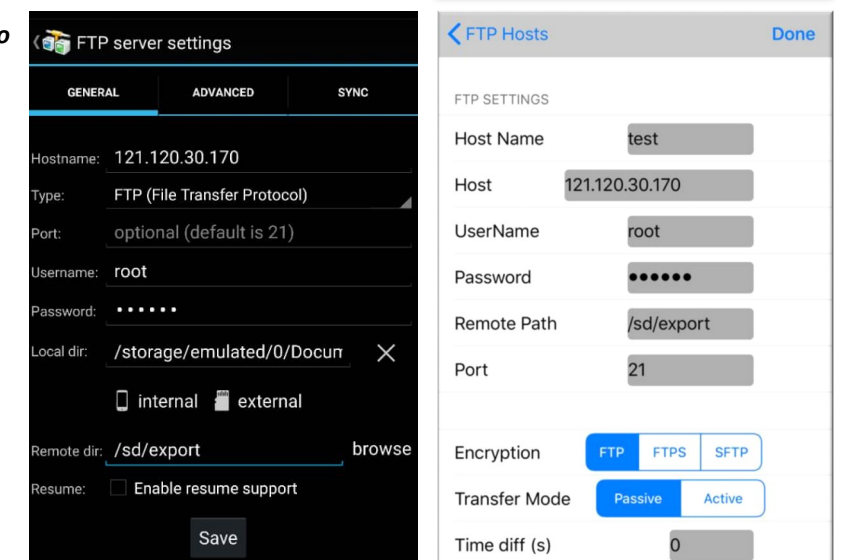
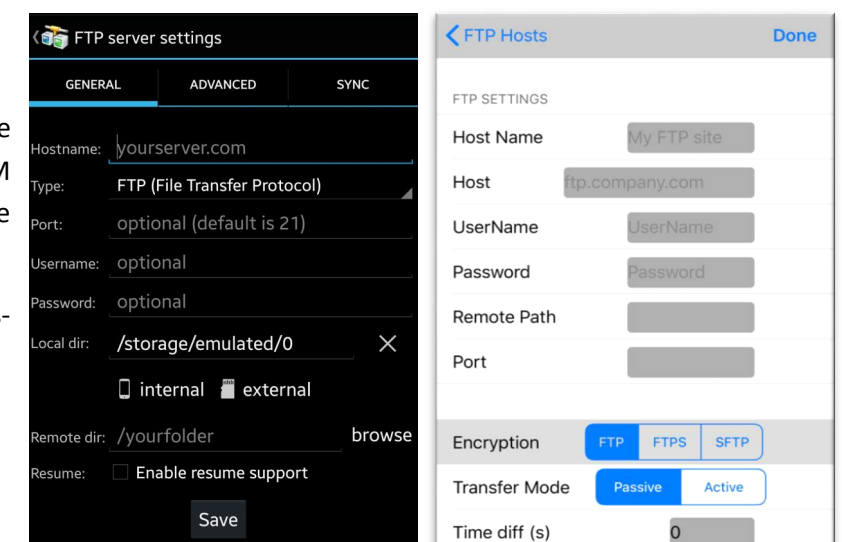


1. Find the “AndFTP” on Playstore (Android) or “FTP Sprite” App store (iOS)
2. Download and Install.
3. Open.

4. Tap “+” symbol to add new server.
5. For **Android** user, fill the IP Address on the hostname section. The IP Address is the SIM card IP. For **iOS**, fill the IP Address on the host section.
6. Username : root (Please note that the password will be advise by instructor)
7. Set the directory or path to **/sd/export**.
8. Set port to 21.

**Note: Any ftp client application can be use to access the data.*

9. Tap “save” to save the configuration.
10. The new server will appear on main screen. Tap the folder to open the file.



11. Tap on “log1” or “log2” to access the data.

STANDARD OPERATION PROCEDURE FEEDER PILLAR MONITORING

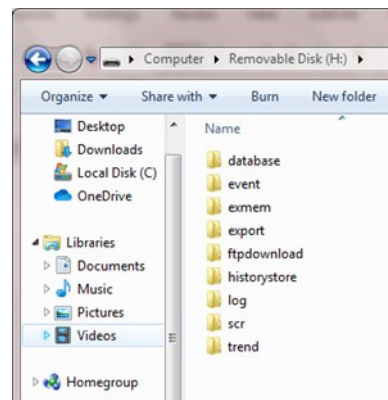
3. SD Card - Data Access



1. Tap **“SETTING”** on the HMI page.
2. On the setting page, tap **“SD CARD REMOVE”** to remove the SD Card. The green LED will turn to red.



3. Once the LED turned to RED. It is safe to remove the SD Card. To remove, PUSH the SD Card until “click” sound and remove.



4. By using SD Card reader, plug into the PC.
5. Open the file and click Export to access the data.
6. To remove from PC, please remove with option **“safely remove hardware and eject media”** to avoid file corrupt.



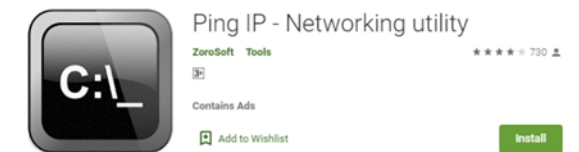
7. When insert. Please make sure the SD Card is in lock condition.
8. Please make sure the direction of the SD Card is correct.
9. To insert, PUSH the SD Card until “click” sound. The LED on the screen will automatically turn to green.

4. SIM Card

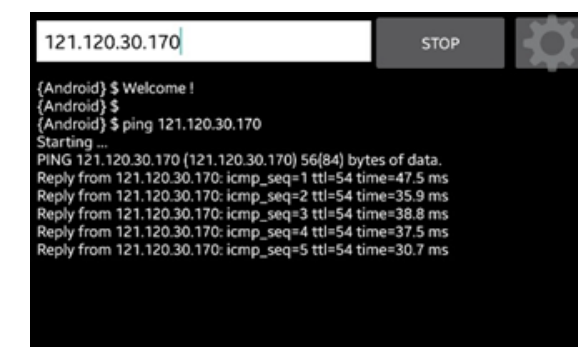
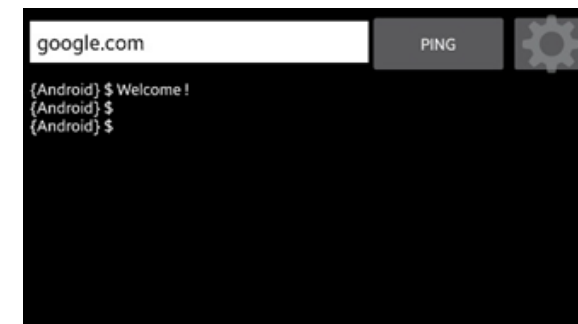


1. Push the yellow button on modem until the SIM1 tray is push out.
2. Pull the SIM1 tray.
3. Fit the SIM card into the tray. Please make sure the SIM is fit nicely.
4. Insert the tray into the slot. Please make sure the position of the SIM is facing upward.
5. If the SIM is stuck. Pull the tray back and reposition the SIM and insert again.
6. Modem is ready when the LED is all turn ON.

7. Download and Install **“Ping IP”** on Play store or App store.



8. Ping IP Address of the SIM to test the connectivity.



STANDARD OPERATION PROCEDURE FEEDER PILLAR MONITORING (TROUBLESHOOTING)

WHAT TO DO IF SIM CARD DID NOT RESPOND?

- STEP1. Take off the SIM from modem. (REFER SOP SIM CARD)
- STEP2. Insert the SIM into mobile phone.
- STEP3. Test the SIM by sending SMS or browse the internet to see if the SIM is activated by service provider.

WHAT TO DO IF SIM CARD IS ACTIVE BUT DID NOT GET RESPOND FROM MODEM?

- STEP1. Run a speed test using any free speed test website. For example: speedtest.net
- Make sure you are using mobile phone with the SIM card.

**The network coverage might be slow at certain places that causes slow connection.*

WHAT TO DO IF CANNOT ACCESS THE HMI REMOTELY?

- STEP1. Check the LED indicator on the modem. Modem is responding if all LED is ON (accept alert).
- STEP2. Unplug and plug again the source cable at modem to restart the modem.
- STEP3. Wait until all LED is ON and ping the SIM. (REFER SOP SIM CARD).

WHAT TO DO IF HMI SCREEN IS OFF?

- STEP1. Check the indicator at other instrument and power supply unit. If the LED is turn off, there is no supply.
- STEP2. Check the 6A fuse beside the HMI.
- STEP3. If broken, consider replace the fuse.

WHAT TO DO IF THE SYSTEM IS HANG?

Usually, system is hang caused by the modem and HMI.

- STEP1. Check if the HMI is working properly by accessing all the pages. Restart the HMI by go to setting > restart.
- STEP2. If the HMI screen is not responding, recycle the power by unplug and plug the source at the back of the HMI.
- STEP3. If the system still hang, unplug and plug the source of the modem to restart the modem.
- STEP4. If the problem still occur, recycle the power by unplug the 6A fuse beside the HMI.