

※Download the following file before starting:

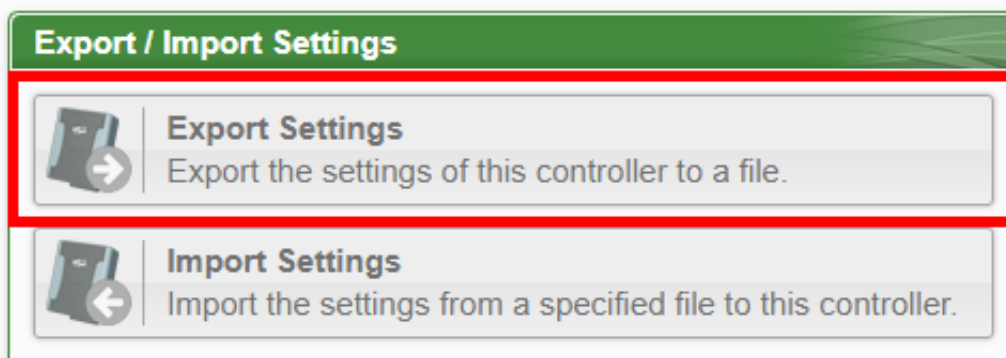
- PMD Series Module OS Image:
[VPx201_OS_V1022.zip](#).
- PMD-220x / PMD-420x firmware, from download page link:
[PMD-220x_420x_firmware](#)

Please Note: To fix the LINE Notify Sending failed issue, you have to update the OS version to v1.0.2.2 or later, and update PMD firmware version to v3.6.2 or later.

PMD-220x / PMD-420x update OS and install firmware steps are as follows:

Step 0. Backup PMD Settings

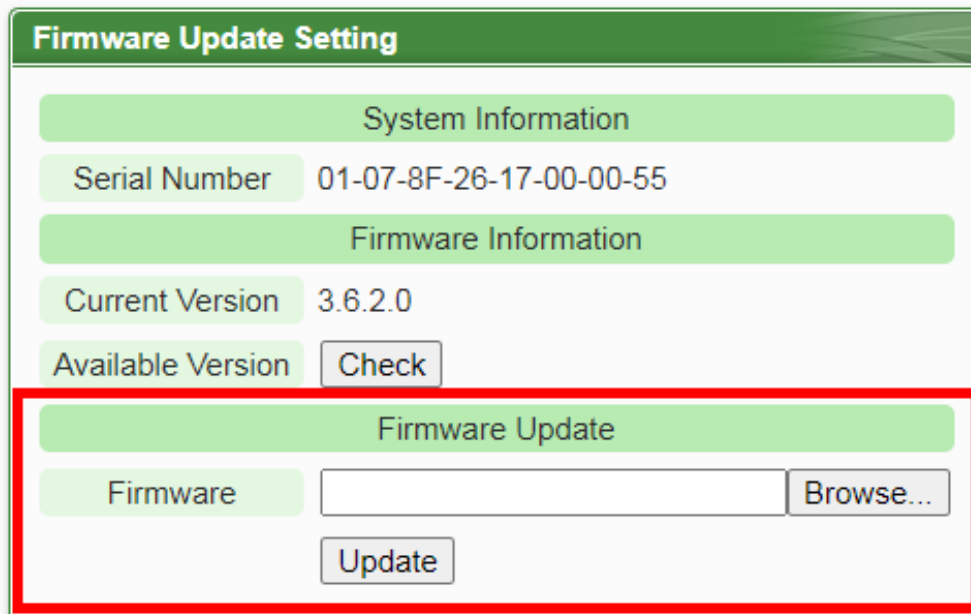
- 1) Connect to PMD Login webpage via Web browser and login as Administrator.
- 2) Go to “System Setting” page, under “Export / Import Settings”, click the “Export Settings” button, the rule file would be stored in the default download path according to the browser's setting.



Step 1. Update PMD Firmware

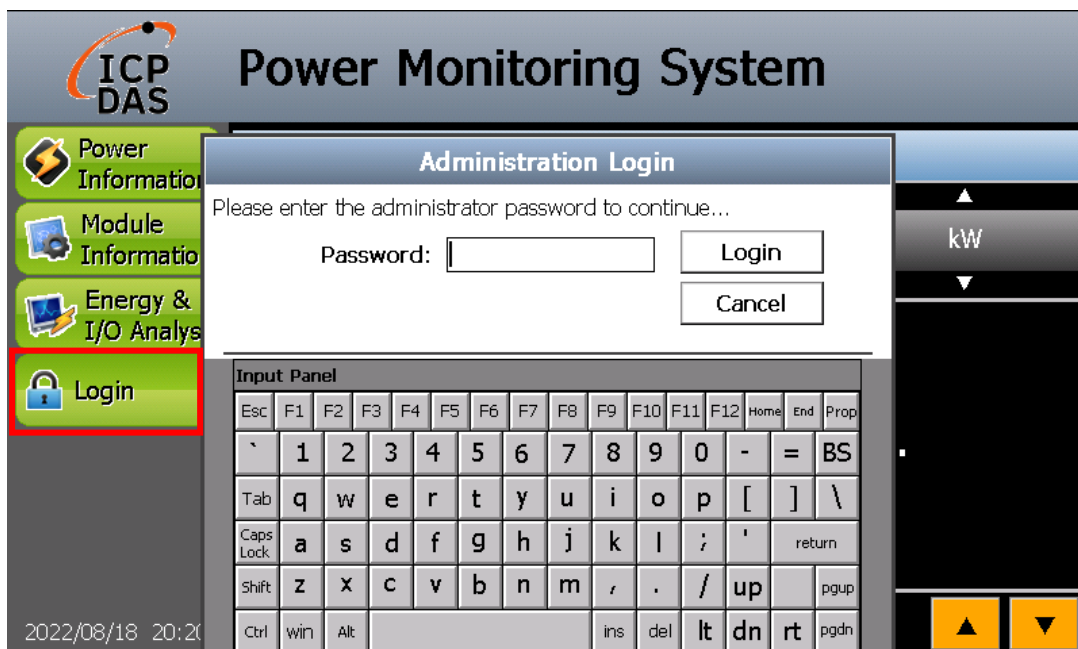
- 1) Go to “System Setting” page, under “Firmware Update Setting”. Upgrade PMD firmware via the PMD webpage, browse v3.6.2 or later version firmware, and click the “Update”

button.



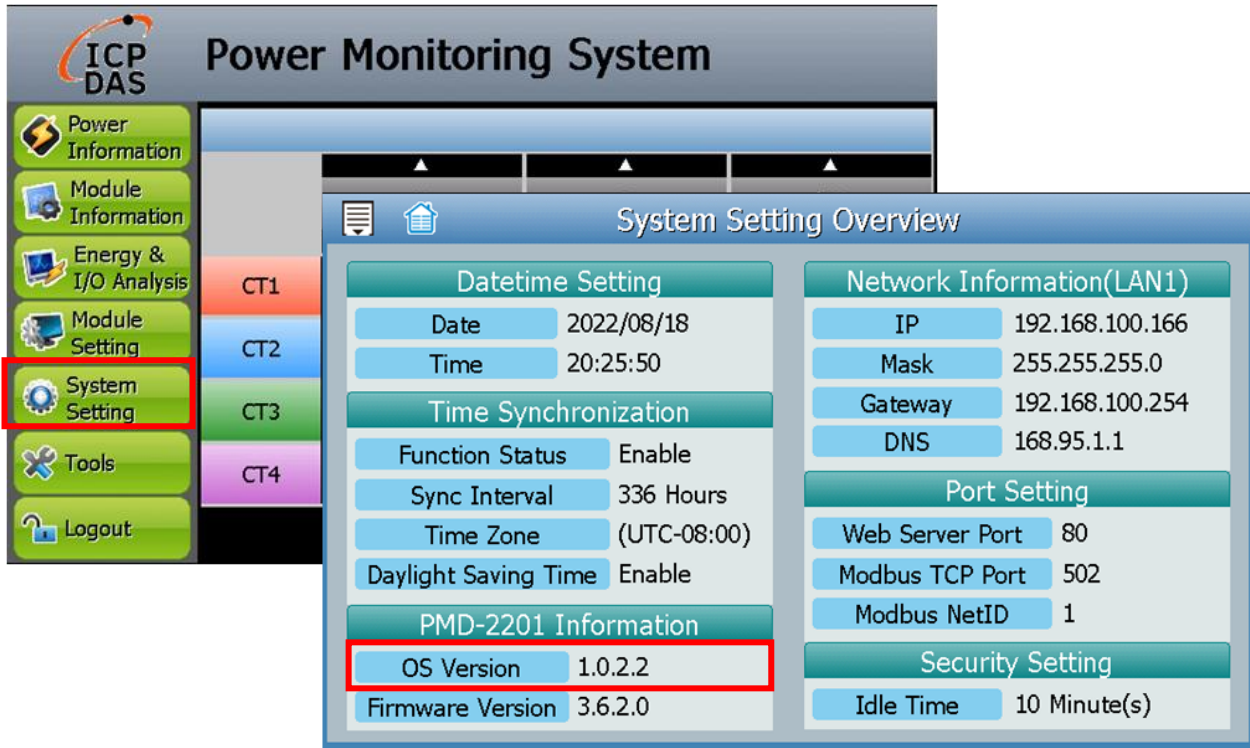
Step 2. Check OS Version

- 1) In the PMD local side display interface, click “Login” button and enter the administrator password to login.



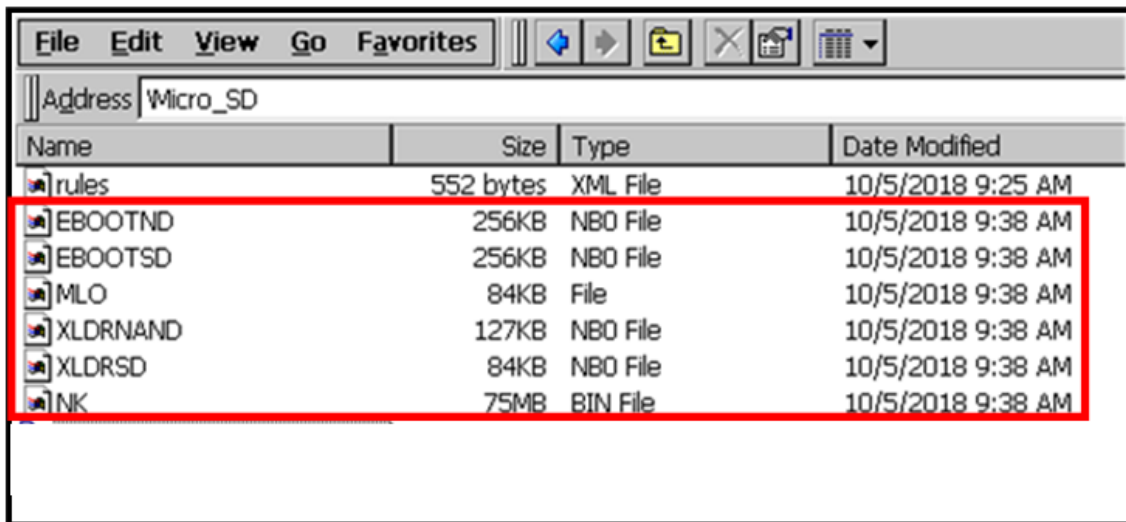
- 2) Click “System Setting” button. In the “System Setting Overview” Page, checking the OS version under the “PMD Information”.

The OS Version must be equal to or later than v1.0.1.6 for the upgrade process.
Otherwise, it was not support for the upgrade process



Step 3. Put the following files into Micro SD

- All unzipped files of VPx201 OS Image (EX: EBOOTND.nb0,...)

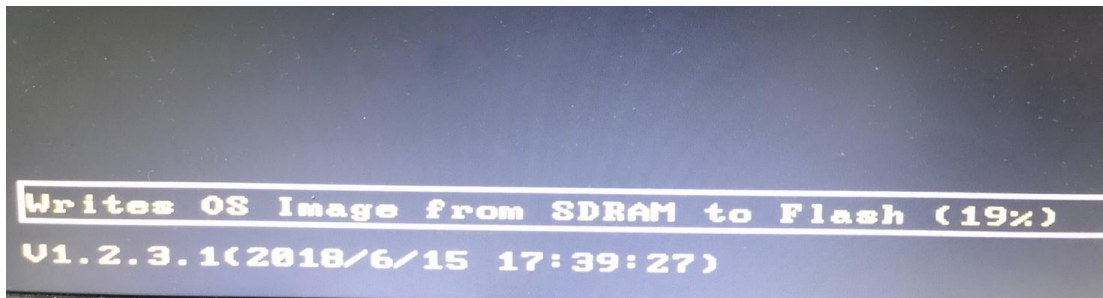


Step 4. Install New OS

- 1) Turn the PMD rotary switch to the position of 5.

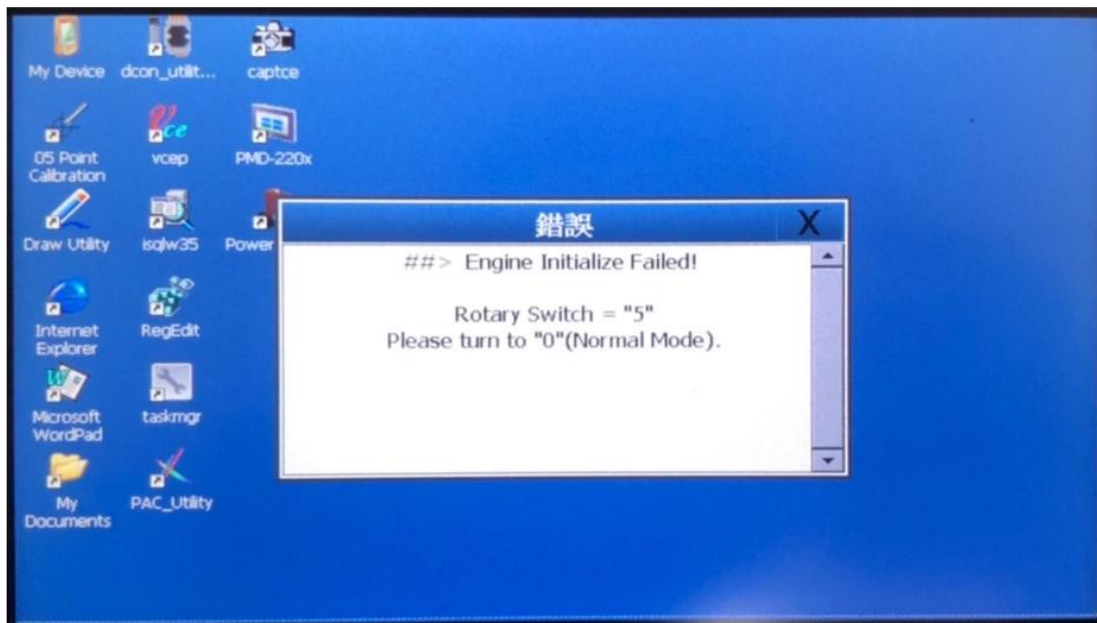



2) Reboot the PMD controller.




The OS Installer will be completed.

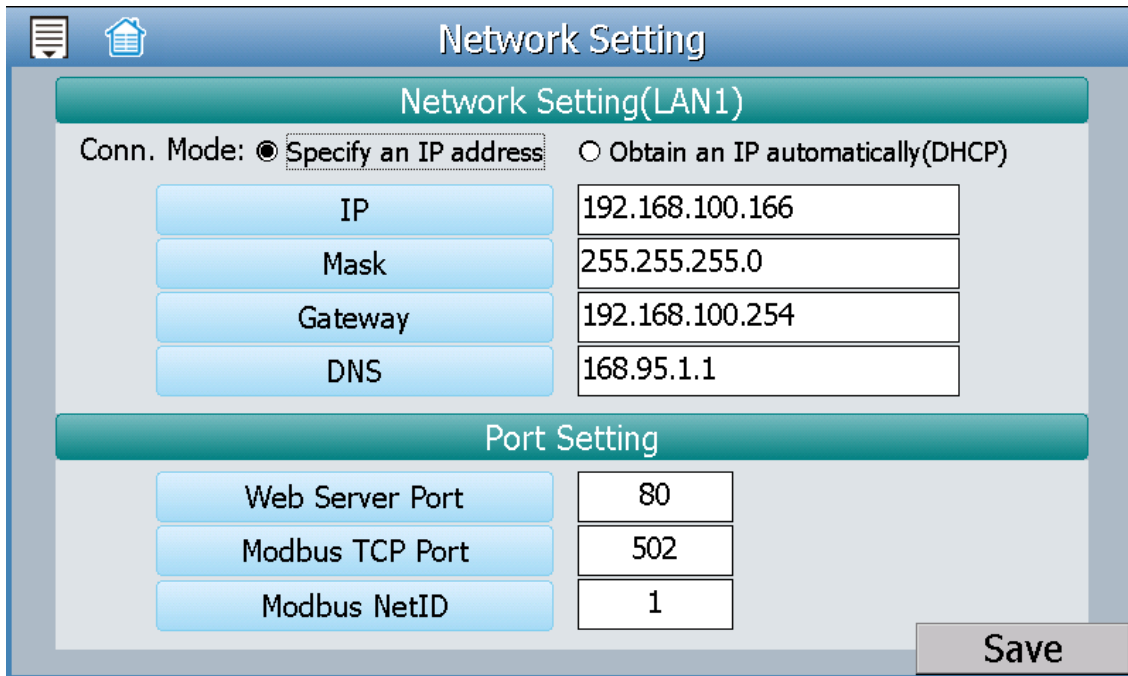
- 3) After system reboot automatically, if there is a touch screen positioning calibration, please perform the calibration setting.
- 4) Turn the PMD rotary switch to the position of 0, and close this message, the system will restart the PMD system



If there is a positioning errors occur when touching the screen, a screen calibration is required. Please connect a USB mouse to PMD for operation, and click the “Local Display Setting” item on the “System Setting” menu . Use “Calibration Setting” function to recalibrate the screen.

Step 5. Network settings

- 1) If the network settings was reset, please use the "Network Setting" function on the "System Setting" menu , and manually set to the original settings



Network Setting(LAN1)	
Conn. Mode:	<input checked="" type="radio"/> Specify an IP address <input type="radio"/> Obtain an IP automatically(DHCP)
IP	192.168.100.166
Mask	255.255.255.0
Gateway	192.168.100.254
DNS	168.95.1.1

Port Setting	
Web Server Port	80
Modbus TCP Port	502
Modbus NetID	1

Save

- 2) After the update is done, all steps are completed.