

1 Network Configuration



Caution!

- The APN address of 4G IPC's SIM card vary by carrier. Please contact your mobile operator to obtain the 4G APN address and fill it in accordingly.
- The O&M module's default IP is 192.168.1.30. Ensure the IPC's IP address is within the **192.168.1.xx** subnet (must be on the same subnet as the O&M module).
- Check the SIM card status in the 4G IPC. If the 4G network is not detected, reinsert the SIM card to ensure the card is properly inserted into the device.

The screenshot shows the UNV Setup interface. The left sidebar contains a menu with 'Common' (Network, Video & Audio, Image, Intelligent, Events, Storage, Security, System) and 'Setup' (Wired Network, Mobile Network, DNS, DDNS, Port, Port Mapping, 802.1x). The 'Mobile Network' tab is selected. The 'Status Info' section is highlighted with a red box and contains the following information:

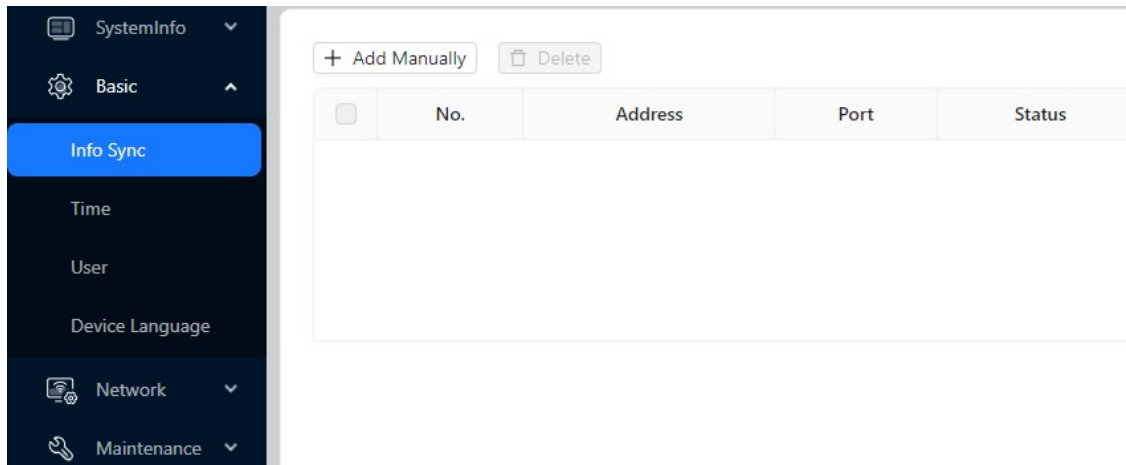
Status Info	
Roaming	Disable
Network Status	Connected
Carrier	
Network Mode	FDD LTE
IMEI	863353075000421
ICCID	89860322045717366089
Signal Strength	-51 dbm 89 asu

- The O&M module **DHCP** must be enabled. Do not modify the O&M module's default IP address, otherwise it cannot connect to the cloud.

The screenshot shows the SOLAR WEB interface. The left sidebar contains a menu with 'SystemInfo', 'Basic', 'Network', 'Configure IP', and 'Maintenance'. The 'Configure IP' page is displayed, showing the following configuration:

Configure IP	
Enable DHCP	☒
IPv4 Address	192.168.1.30
IPv4 Subnet Mask	255.255.255.0
IPv4 Default Gateway	192.168.1.1

1. Connect the O&M module to power through a 12V power adapter (user-prepared).
2. Connect the O&M module to your computer's LAN (set the computer's IP within the 192.168.1.xxx subnet). Access <http://<O&M module IP>> (192.168.1.30) via a web browser to log in to the Solar's web interface (Username: **admin** / Password: **123456**).



- Go to **Basic > Info Sync**, click **Add Manually**, fill in the camera parameters, and enable **Battery Percentage OSD**.

Add Manually ×

* Address:

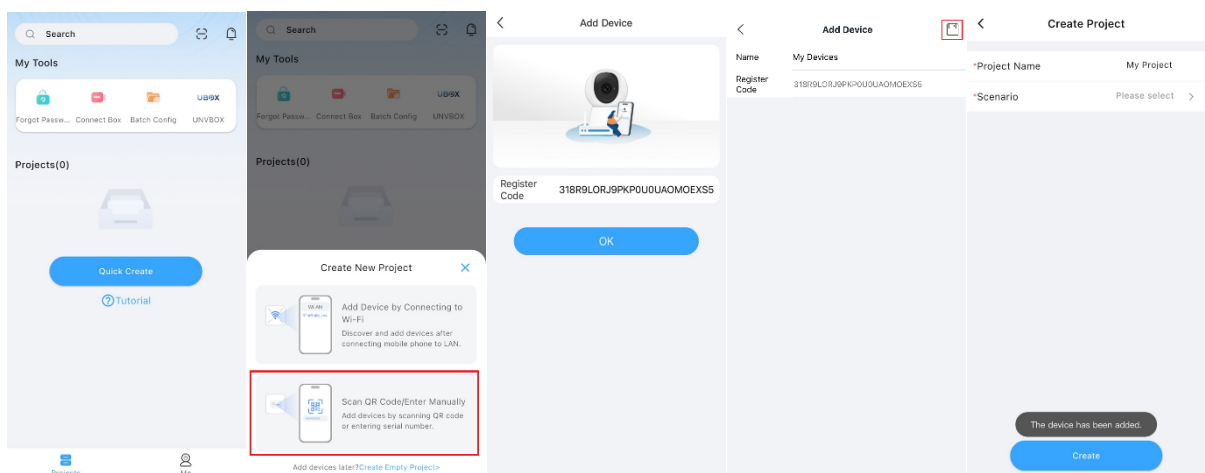
* Port:

* Account:

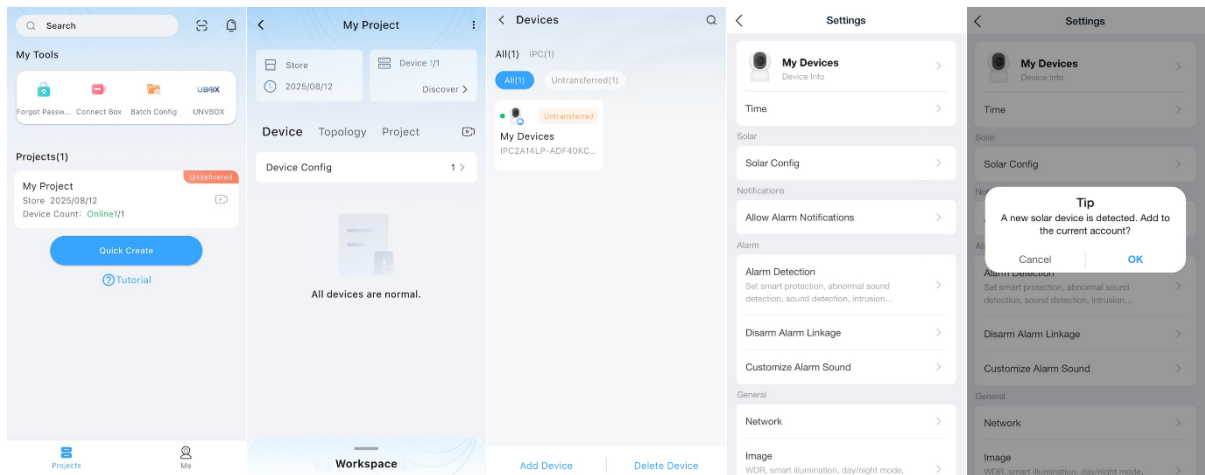
* Password:

2 APP Configuration

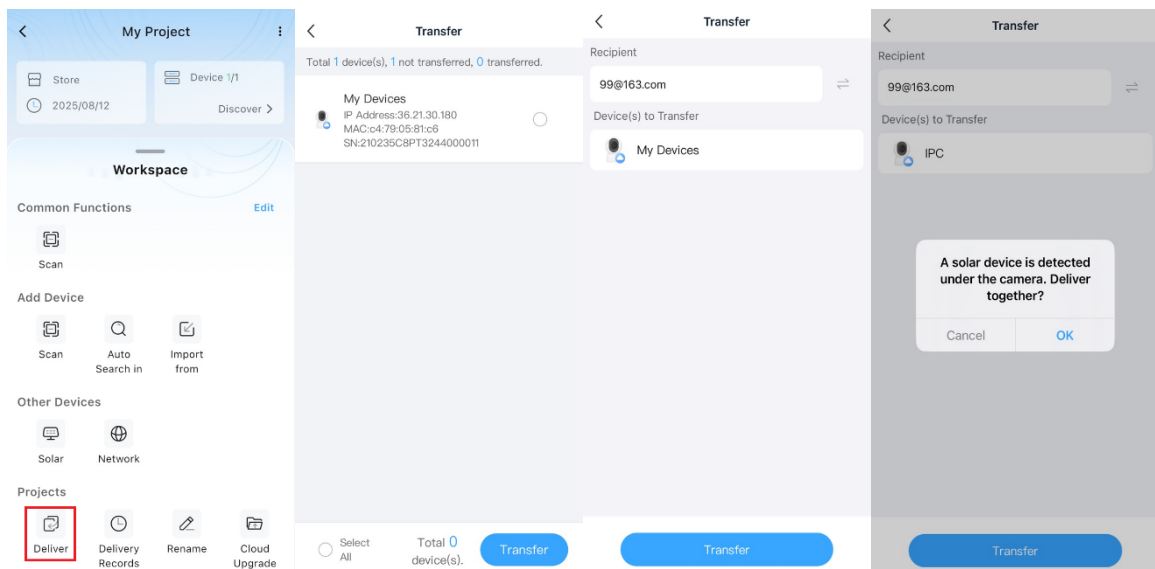
- Installers/Engineers: Download the **UNV-LINK Pro Tools** APP and sign up.
- Connect the O&M module to the IPC. Log in to the app, then scan the IPC's QR code and follow the on-screen instructions to complete IPC addition.



- Go to **Project > Device Config > Select Device > Solar Config**. When prompted that the O&M module is detected, click **OK** to complete IPC-O&M module binding.



- Wait until the O&M module's indicator turns green (indicating successful cloud connection). Return to the Project screen, tap **Deliver** > select the target IPC > enter the recipient account. A prompt message will appear, asking whether to deliver the solar device.



- End users: Log in to **UNV-Link User APP** to view the IPC and O&M Module. Swipe the top menu bar to select **Solar Energy**, then tap the icon to access the solar management interface and view detailed data.

