

Wi-Tek APP User Guide

Quickly Understand and Use Wi-Tek Cloud APP

Present by : Wi-Tek Product Dept

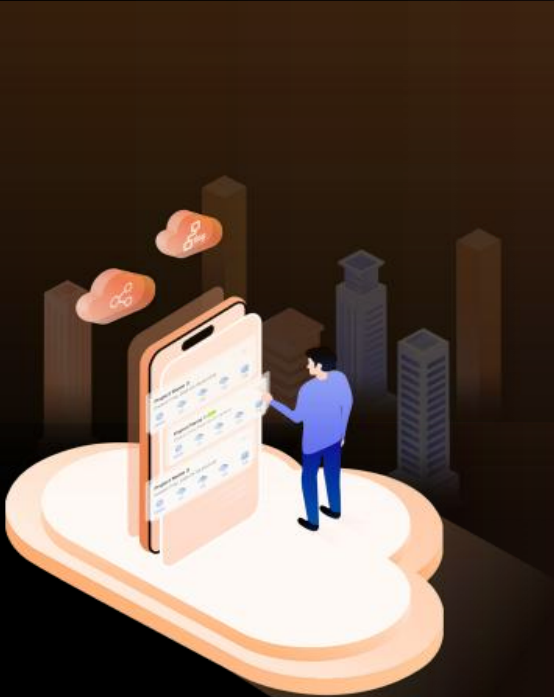
Update by : February 2025



Come and Explore more cloud solutions with Wi-Tek.

Content

- I. Introduction
- II. Functions
- III. Toolkit
- IV. How to Get

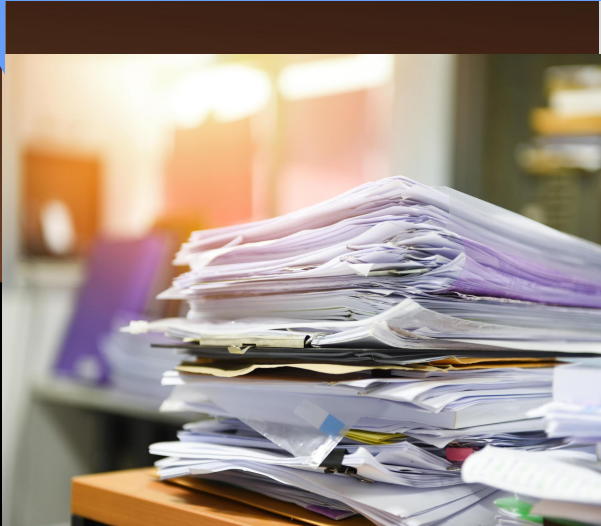


I. Introduction of Wi-Tek Cloud APP

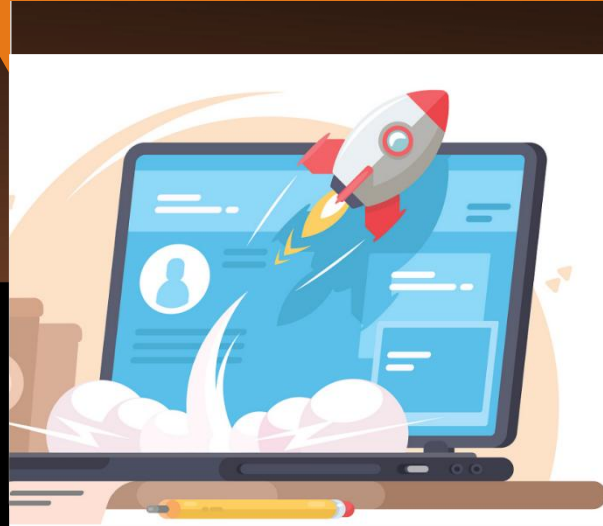


When building a network project, are you still suffering from the following problems?

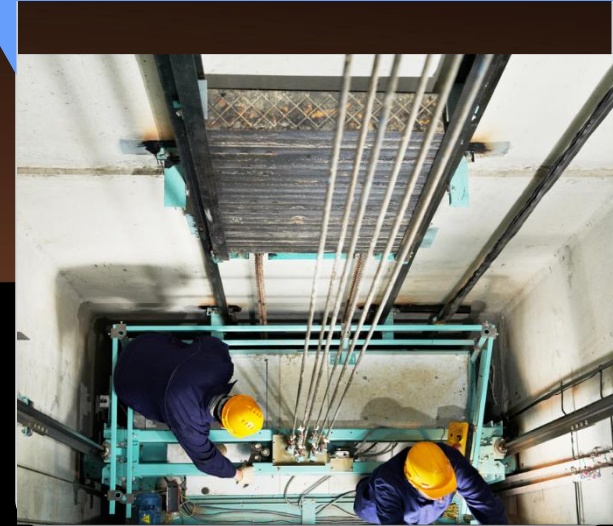
Chaotic Multiple Projects Management



Complex Device Configuration



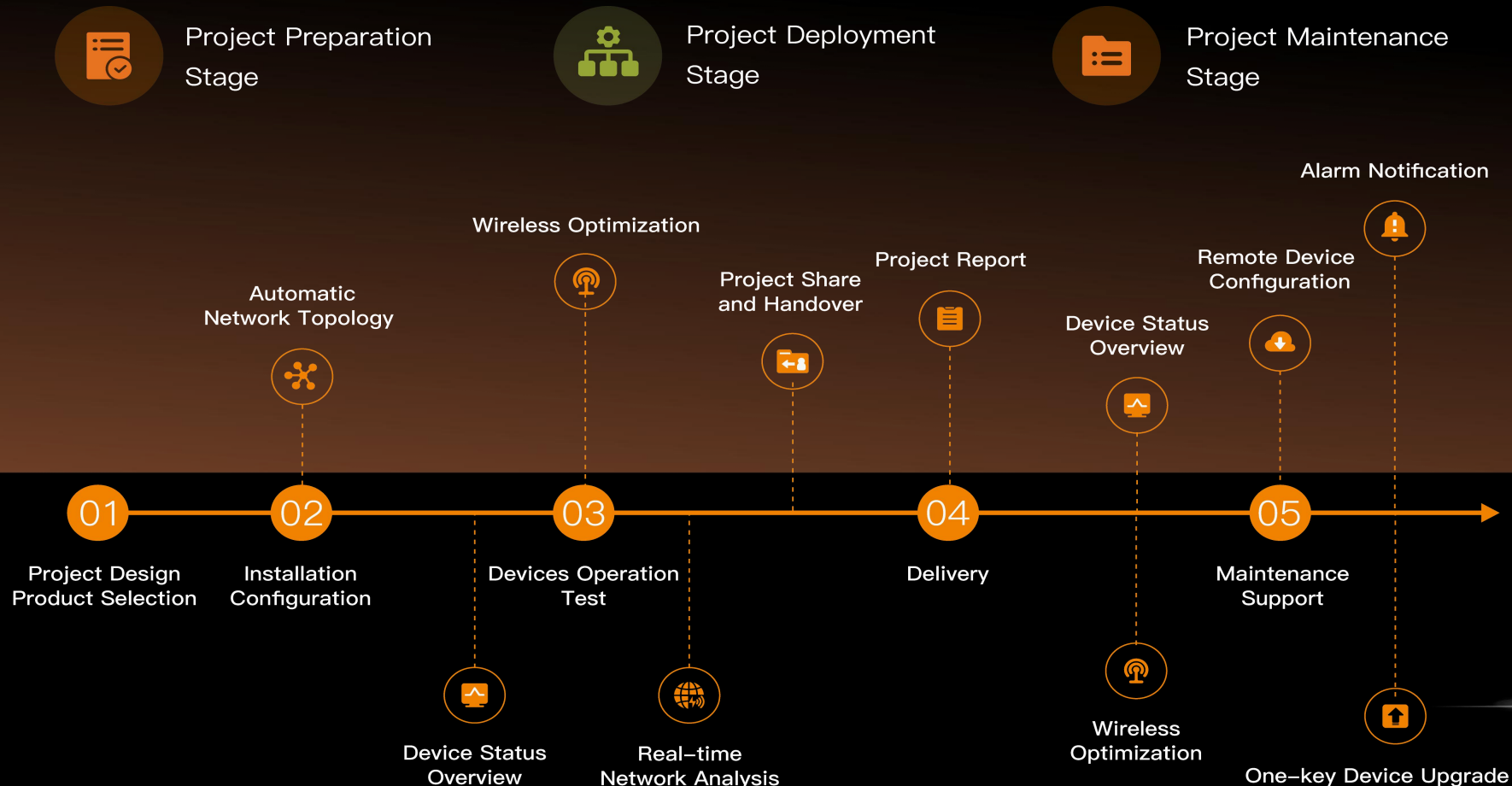
Hard to Maintain and Optimize



Wi-Tek Cloud APP

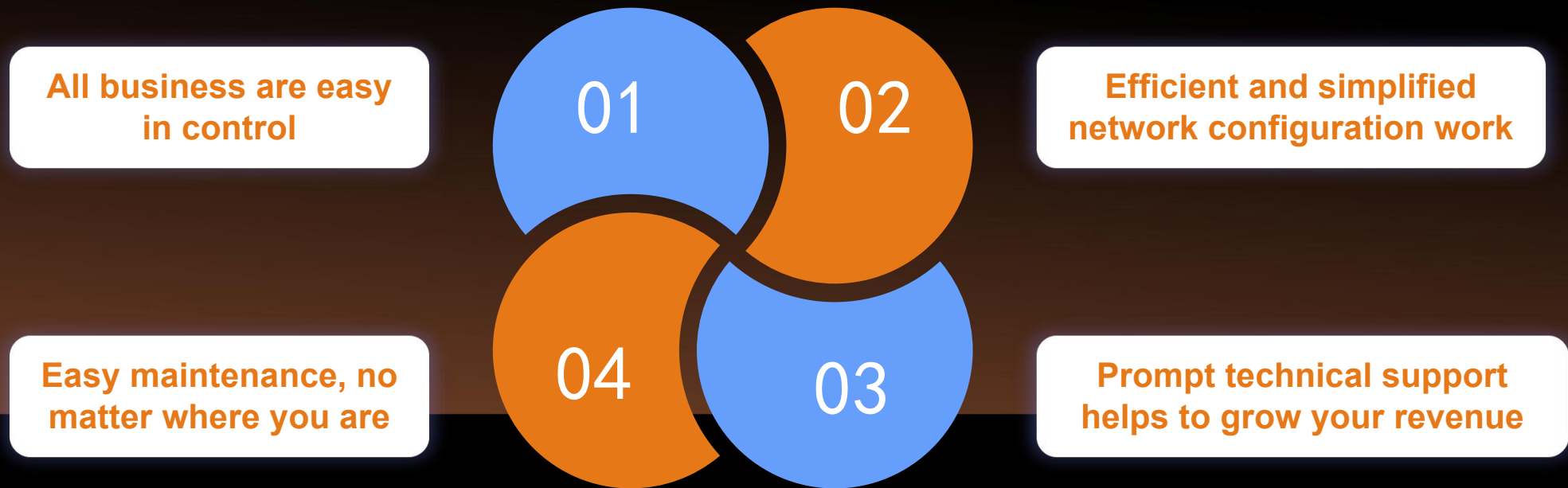
Aim at better supporting and serving project-oriented customers to provide easy and efficient multi-project management and multi-device management tool for free.

For a network project, it includes the following process:



How does Wi-Tek Cloud help you?

Fulfill requirements in whole project stage, afford high values and simple experience to your customers through Wi-Tek Cloud.



II. Functions

Function List



■ Project Management

- Unlimited number of project creation
- Auto project network topology generation
- Real-time network data analysis
- Project share/ handover
- My project map
- Project report

■ Device Management

- Device status overview
- ONVIF devices (IP Camera) management
- Remote device configuration
- One-key Batch device online upgrade
- Device fault alarm
- SD-LAN network

■ Network Optimization

- Wi-Fi configuration
- Wi-Fi optimization
- Roaming optimization

Quick View-Project Module

Search Project

Scan Device Barcodes and QR Codes Provided by Wi-Tek

Self-created Projects Tab

Shared Projects Tab

Tech Support Entry

Notification Center

- Alarm Notification
- Project Sharing Request
- Partnership Notice

Practical Toolkit Entry

Project Map View

Online Device Statistics

Edit/ Delete Project

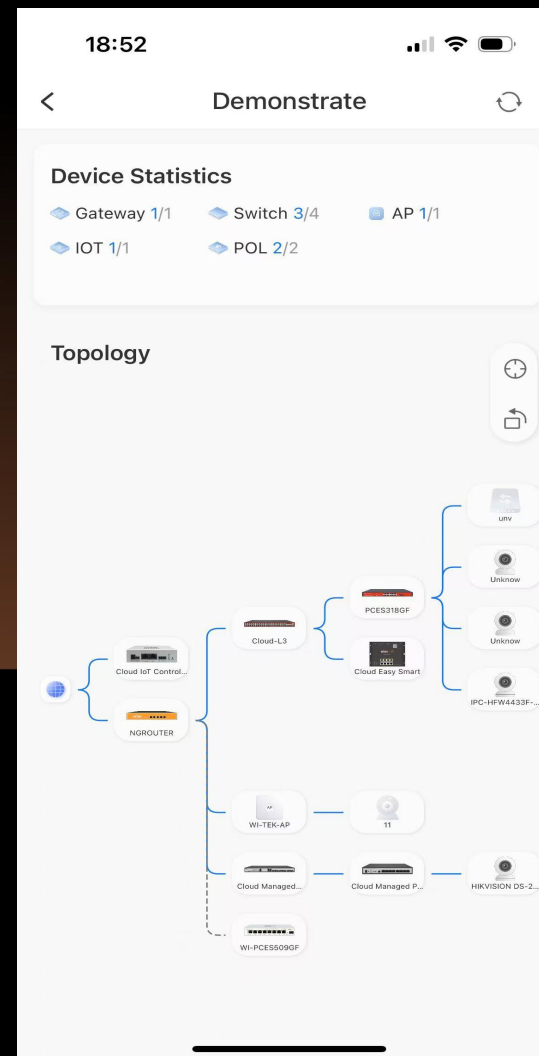
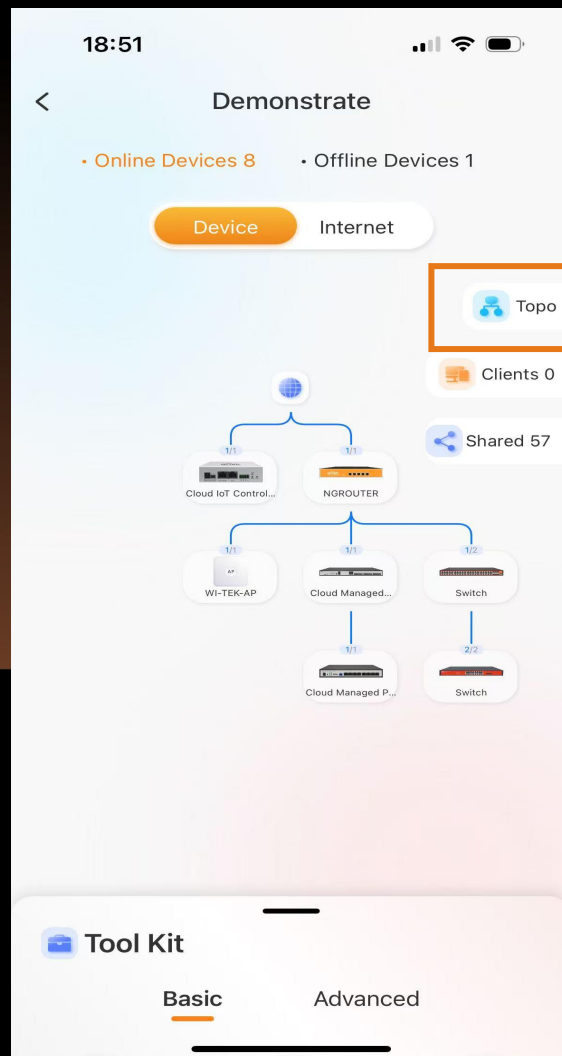
Create New Project and Quick Provision



Quick View-Topology

Topology displays the network topology and device status. You can also download the project report.

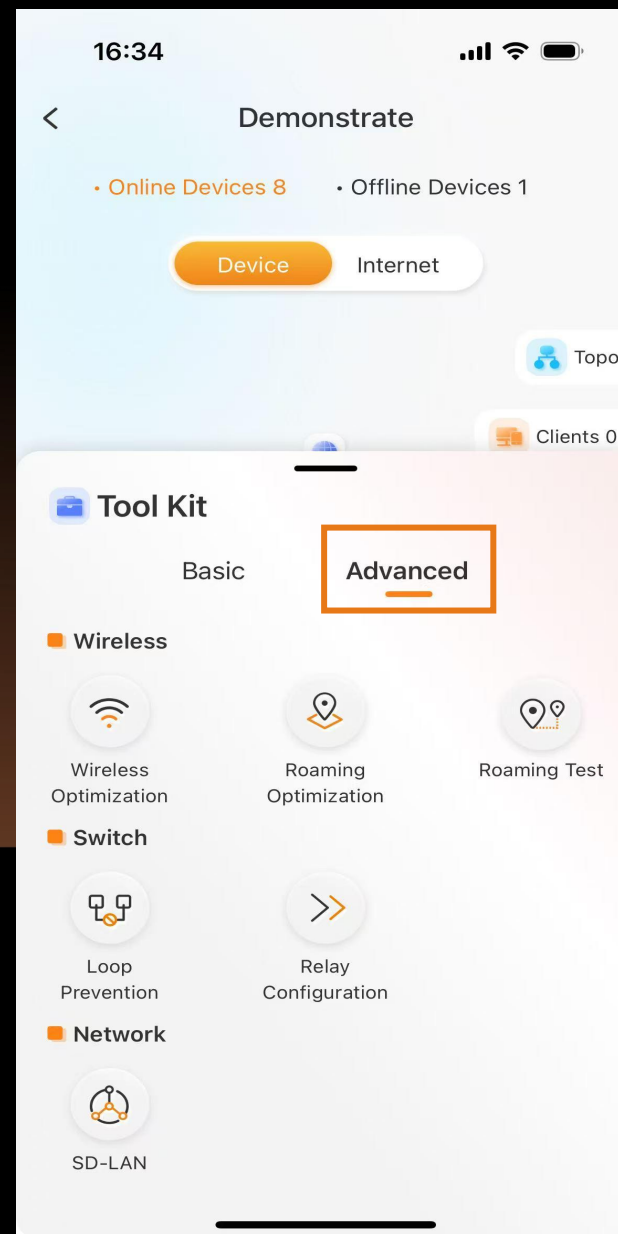
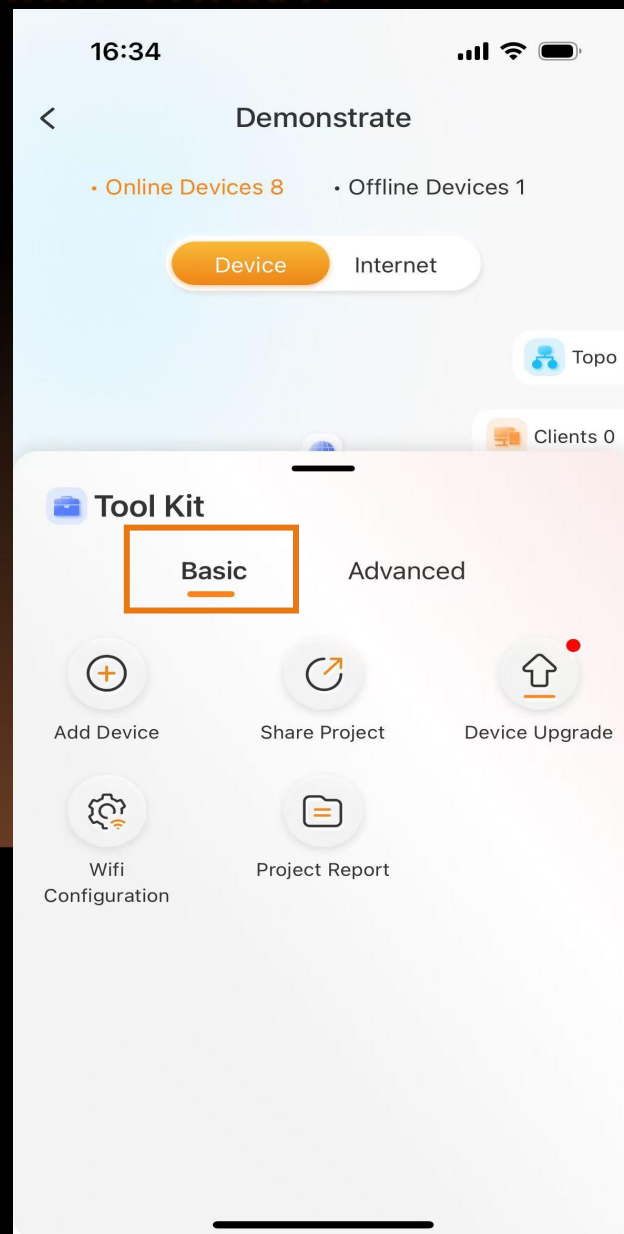
Single Network
Project Topology
Summary Diagram



Click the “Topo”
button to view the
entire topology, and
support for zoom in
and out.

Quick View-Project Toolkit

Basic Configuration for A Single Network Project



Advanced Configuration for A Single Network Project

Quick View-Device Status Overview and Remote Configuration



Switch Device Status Overview

9:41

< Device Details >

Online

WI-CGS5026

Model: PCMS328GF
MAC: 10:F0:13:F1:74:4B
Version: WI-PCMS328GF_V10230203
SN: SN55668888389988B
Uptime: 29 Days 2 Hours 33 Minutes
Last Update: 2023-04-26 13:29:26
CPU: 1.9% Memory Usage: 67.8%
Total PoE Power: 370.00 W
Current PoE Power: 10.00 W

Upper Auto

Delete

Reboot

Telnet

EWEB

Monitoring Configuration

Port Information

2 4 6 8 10 12 14 1

1 3 5 7 9 11 13 1

Total PoE Power: 370.00 W Current PoE Power: 10.00 W

Port List

Port	Speed (Mbps)	PoE Power (W)	Rate (Tx/Rx)	Action
1	6697	9987	6/39kbps	PoE More
2	6697	9987	6/39kbps	PoE More
3	6697	9987	6/39kbps	PoE More

Switch Device Port Information

Port List and More Configuration

9:41

< Device Details >

Online

WI-CGS5026

Model: PCMS328GF
MAC: 10:F0:13:F1:74:4B
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Upper Auto

Delete

Reboot

Telnet

EWEB

Monitoring Configuration

VLAN Configuration

PoE Extend

Cable Test

Port Protection

Port Rate Limit

Storm Control

Loop Prevention

Different Configuration Functions Depending on the Switch Device

Quick View-Device Status Overview and Remote Configuration



Wireless Device
Status Overview

WiFi Information
and Configuration

Radio
Configuration

9:41

Device Details

Online

AP216

Model: WI-AP216
MAC: 10:F0:13:F1:74:4B
Version: V10230203
SN: SN55668888389988B
Uptime: 29 Days 2 Hours 33 Minutes
Last Update: 2023-04-26 13:29:26
CPU: 1.9% Memory Usage: 67.8%

Upper Auto

Delete

Reboot

EWEB

Wi-Fi Information

Wi-Fi Name

1
2
...

Access Number

1

Radio

2.4G

Power auto>
Channel auto>

5G

Power auto>
Channel auto>

LAN Interface Info

Hostname	Serial Number	Interface	IP	N
Demonstrate	AC10500120628	lan	192.168.20.1	2<
Demonstrate	AC10500120628	lan	192.168.20.1	2<

LAN and WAN Interface
Information

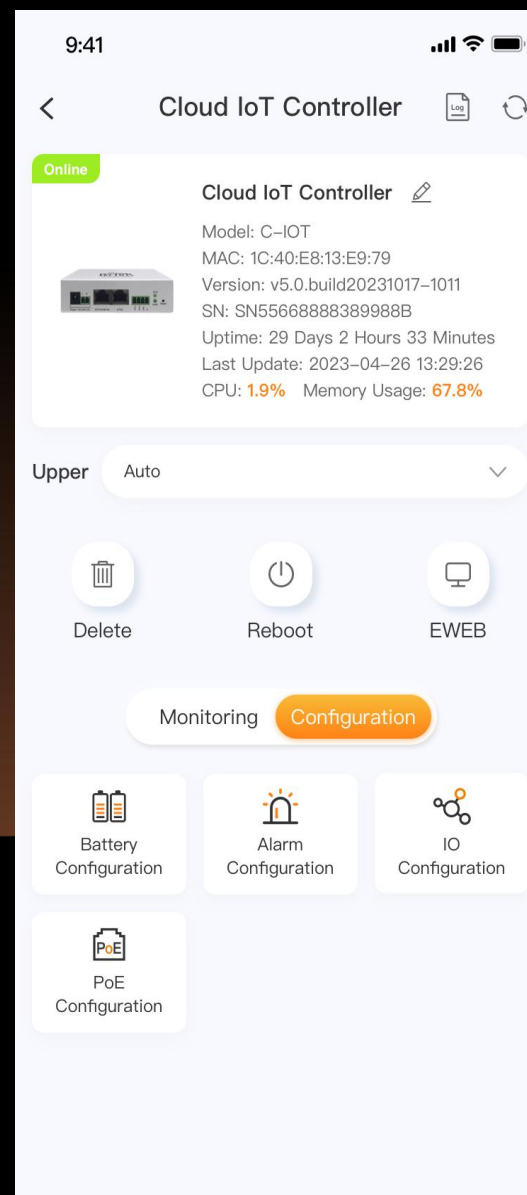
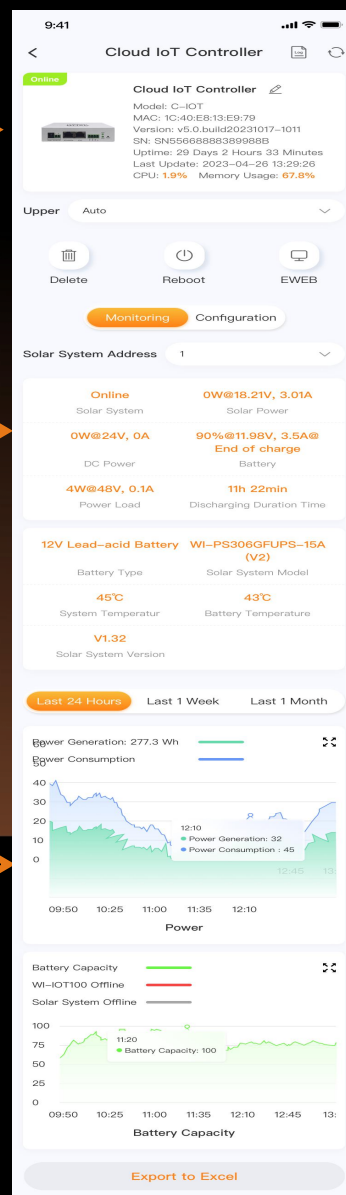
Quick View-Device Status Overview and Remote Configuration

Solar System
Status Overview

Solar System
Monitoring

Power and Battery
Capacity Graph

Solar System Remote
Configuration



Quick View-Device Status Overview and Remote Configuration

GPON Device
Status Overview

Port Information

Port List and More
Configuration

GPON Device Remote
Configuration

9:41

WI-POL5800-08

Online

WI-POL5800-08

Model: WI-POL5800-08
MAC: 10:F0:13:F1:74:4B
Version: WI-POL5800-08_V1.06.B00
SN: POL580008238EN001
Uptime: 29 Days 2 Hours 33 Minutes
Last Update: 2023-04-26 13:29:26
CPU: 1.9% Memory Usage: 67.8%
Total PoE Power: 370.00 W
Current PoE Power: 10.00 W

Upper Auto

Delete Reboot Telnet EWEB

Monitoring Configuration

Port Information

Port List

Port	Port Name	Speed (Mbps)	Rate (Tx/Rx)	Action
1	e0/0/1	100	--	More
2	e0/0/1	--	--	More
3	e0/0/3	--	--	More
4	e0/0/4	--	--	More
5	e0/1/1	--	--	More
6	e0/1/2	100	0/1kbps	More
7	e0/1/3	--	--	More
8	GPON0/2/1	1.25Gbps / 2.5Gbps	1/0kbps	More
9	GPON0/2/2	100	--	More

9:41

WI-POL5800-08

Online

WI-POL5800-08

Model: WI-POL5800-08
MAC: 10:F0:13:F1:74:4B
Version: WI-POL5800-08_V1.06.B00
SN: POL580008238EN001
Uptime: 29 Days 2 Hours 33 Minutes
Last Update: 2023-04-26 13:29:26
CPU: 1.9% Memory Usage: 67.8%
Total PoE Power: 370.00 W
Current PoE Power: 10.00 W

Upper Auto

Delete Reboot Telnet EWEB

Monitoring Configuration

VLAN Configuration Line Profile ONT Auto Configuration

ONT List

Quick View-Product Module

You can query Wi-Tek product information, including product pictures and key parameters.

VS Parameters
for Products of
the Same Series

Product Type Tab

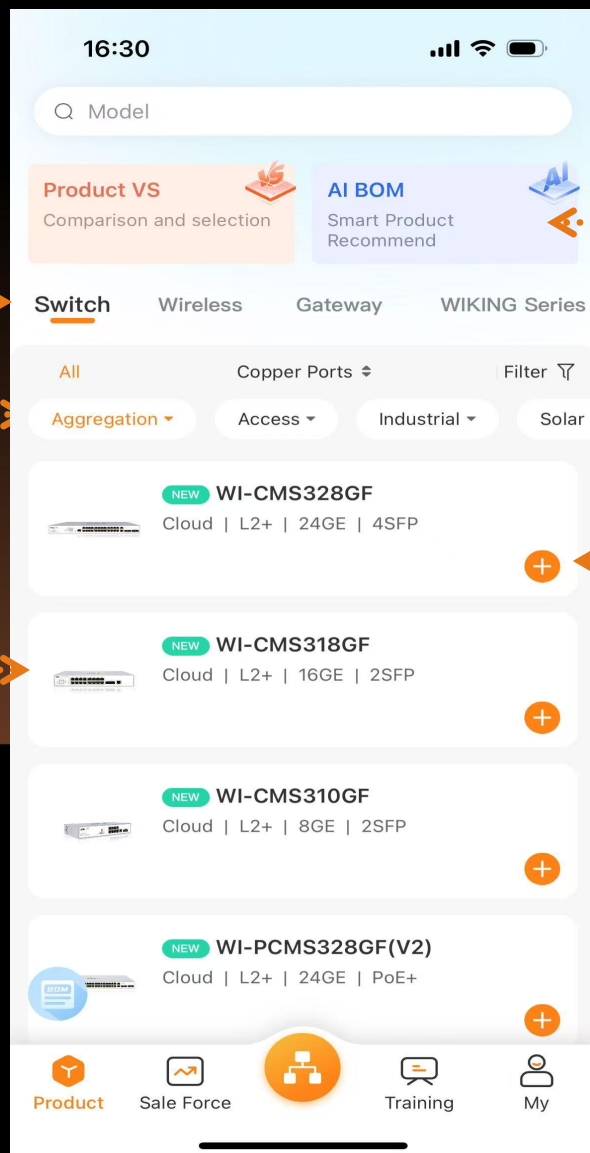
Selected Product
Categories

Product List, Click
to View Details

Search Product Model

AI BOM

Click the + Icon to Quickly
Create A Manual BOM



Quick View-Sale Force Module

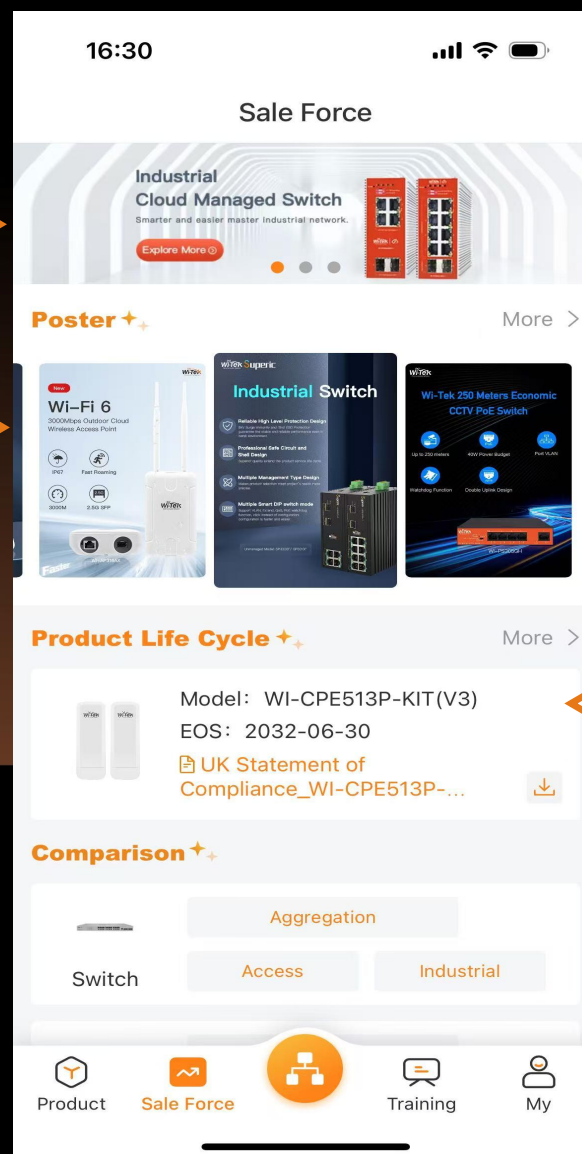
You can query Wi-Tek poster, product life cycle, comparison.

Banner

Poster

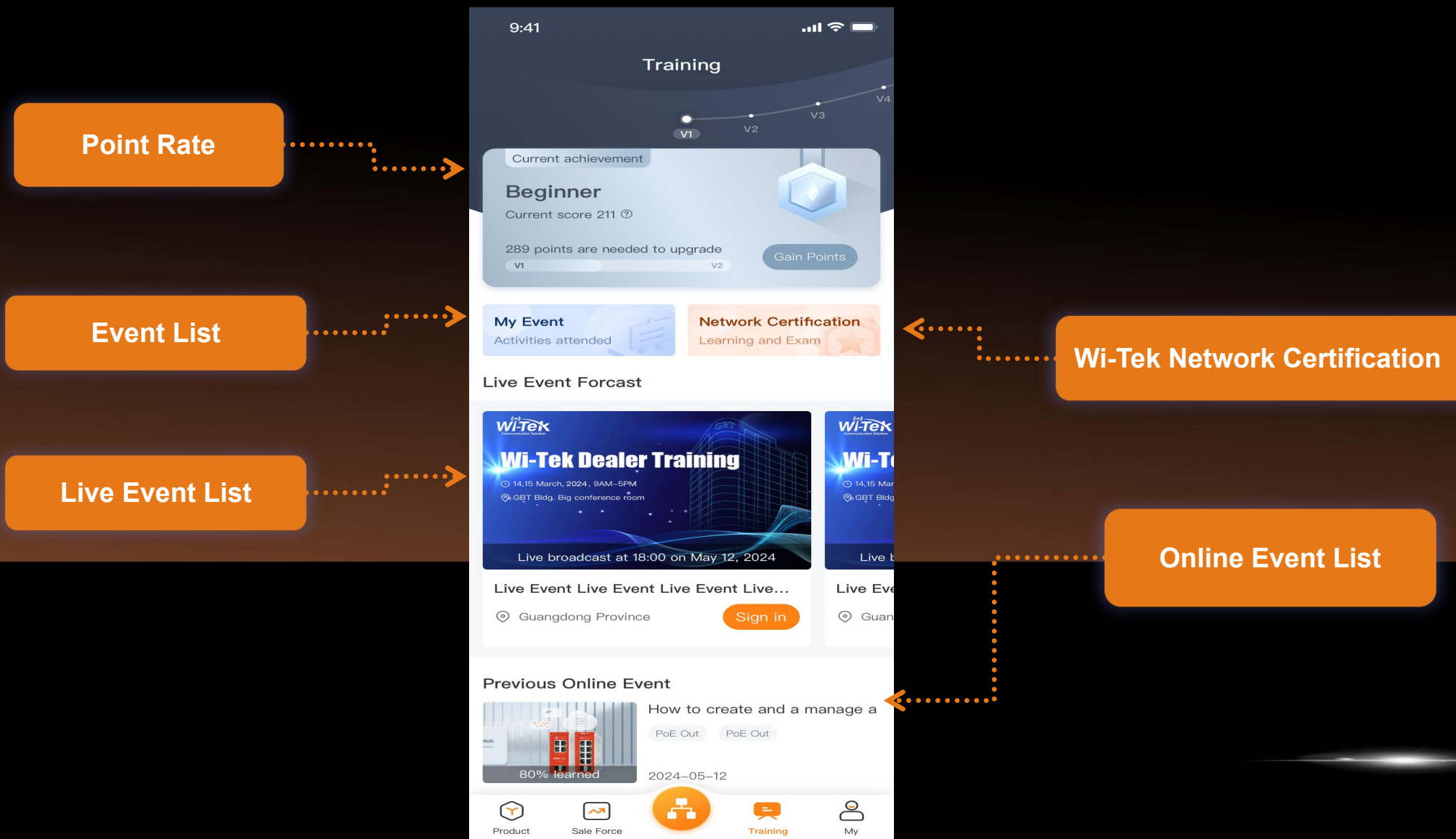
Product Life Cycle

Product Comparison



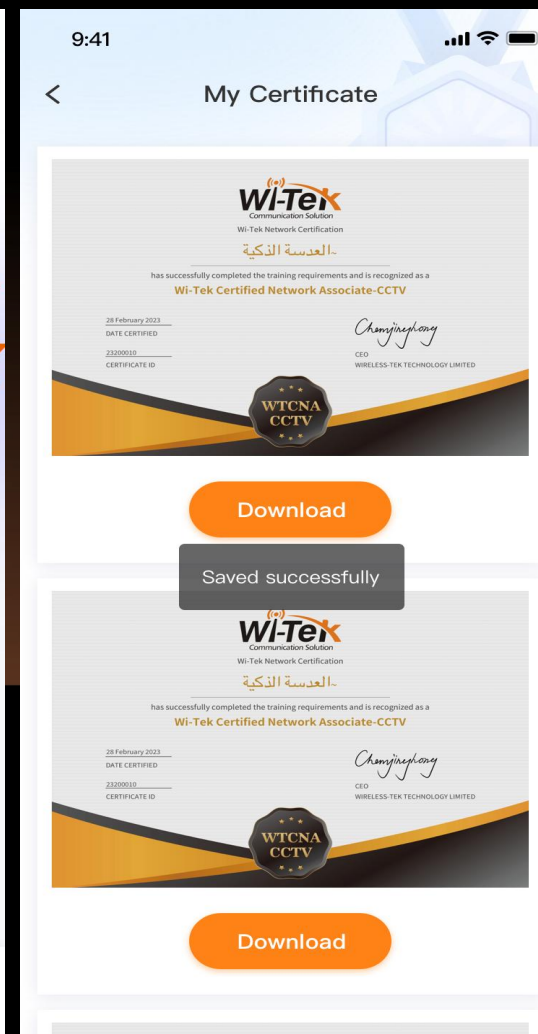
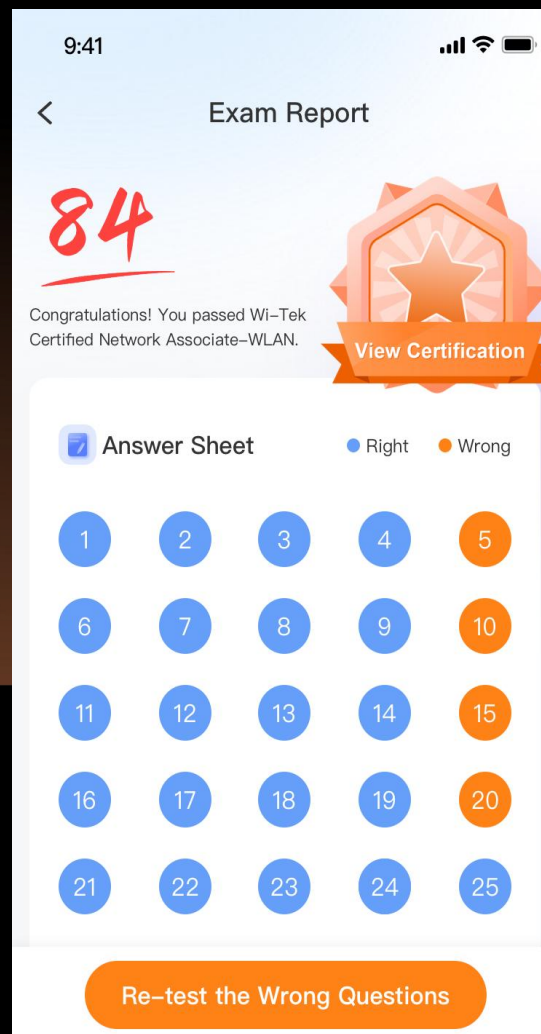
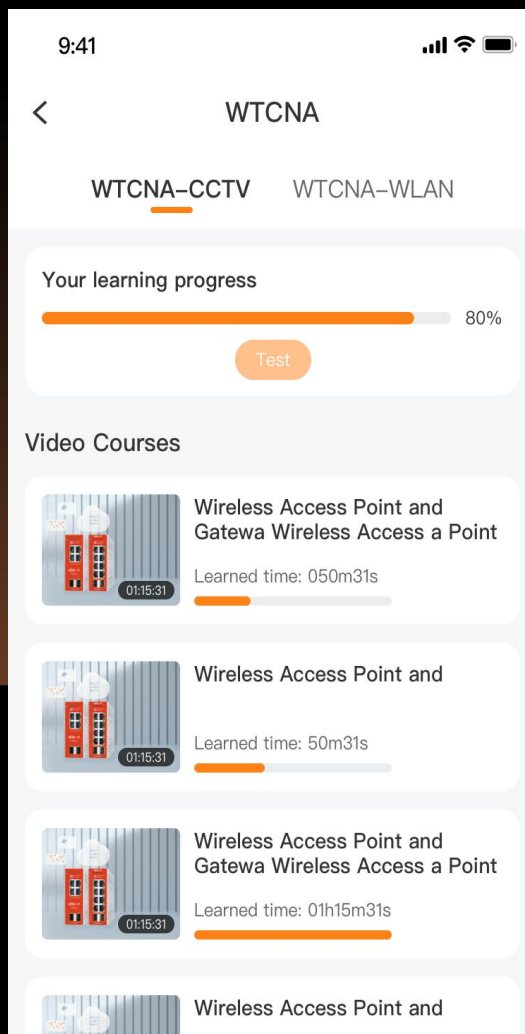
Quick View-Training Module

You can view live event, online event, Wi-Tek network certification and point rate.



Quick View-Network Certification

You can learn by videos and get a Wi-Tek professional certificate after passing the exam.

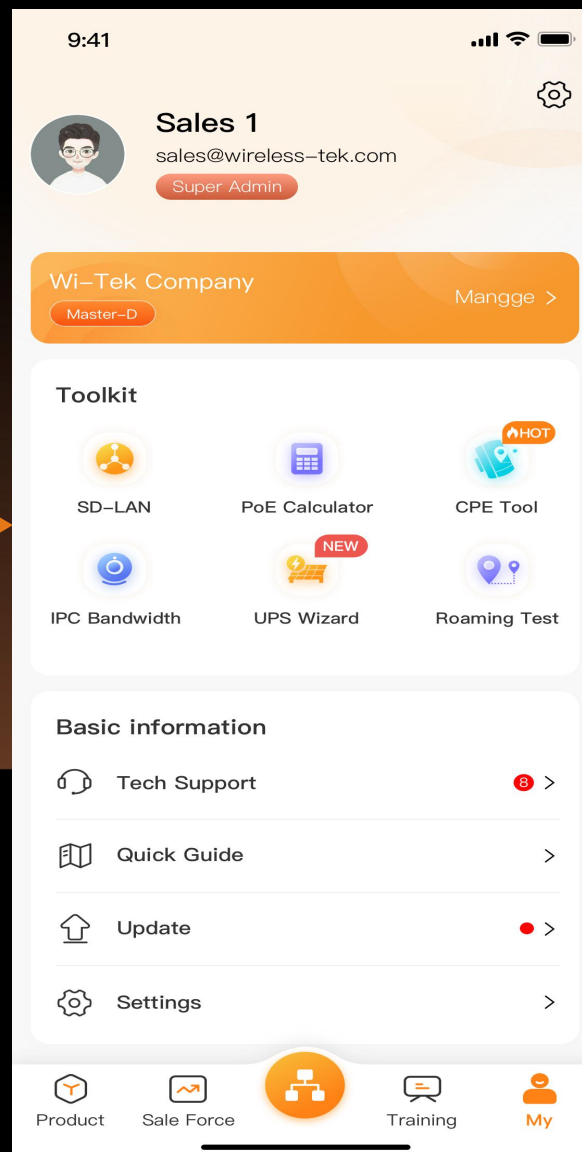


Quick View-My Module

You can view company management, toolkit, tech support, quick guide, update and settings.

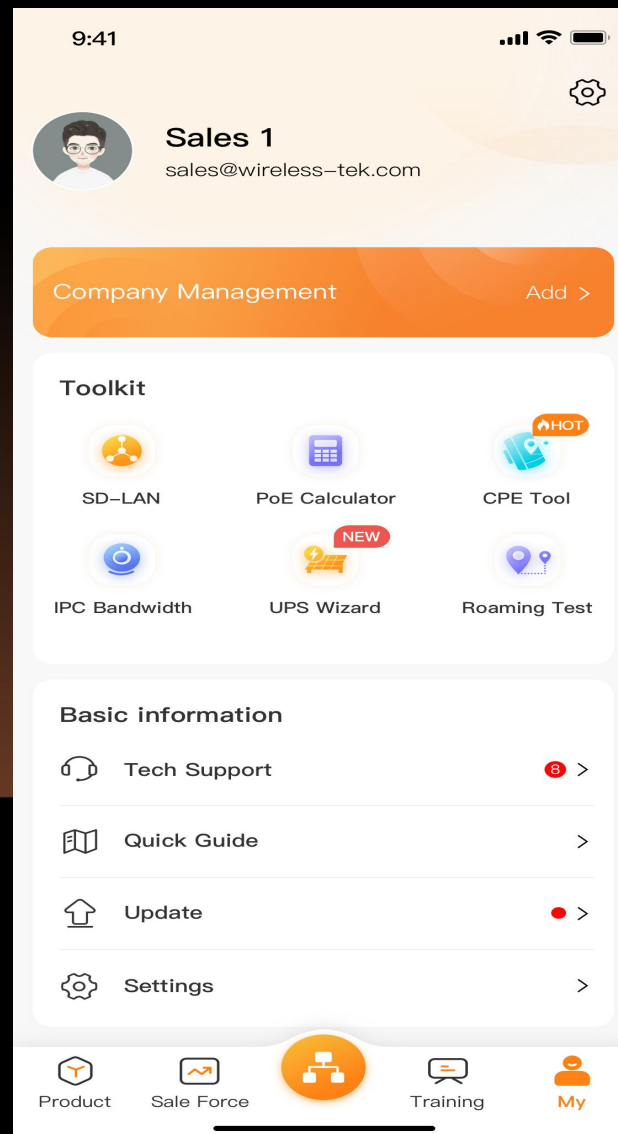
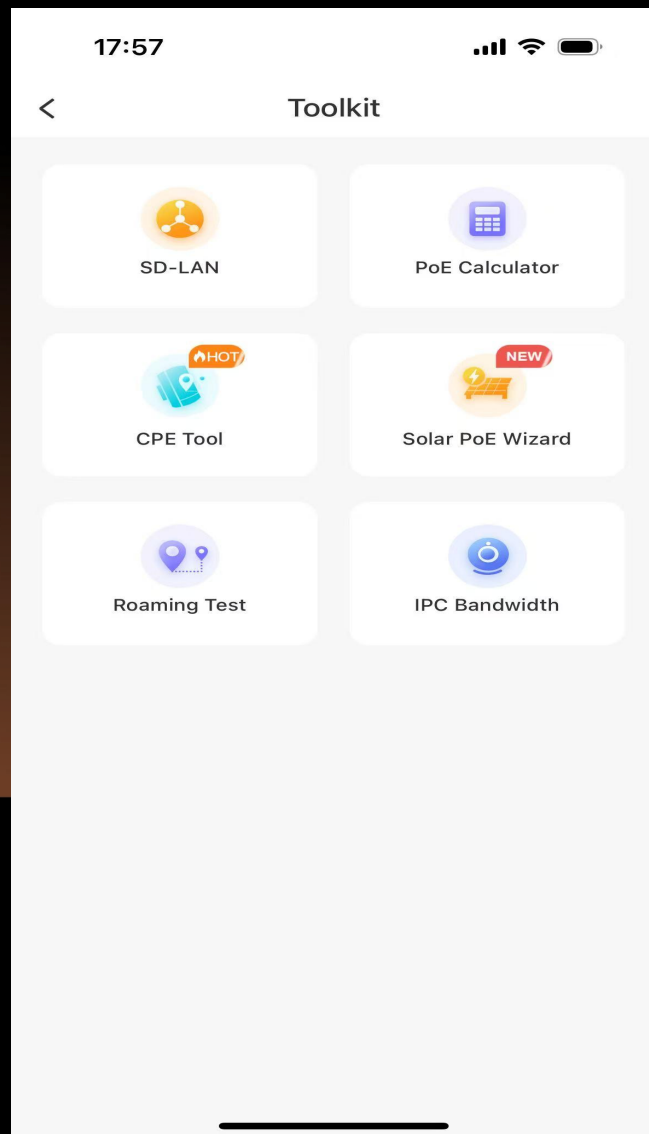
Company
Management

Toolkit



Basic Information

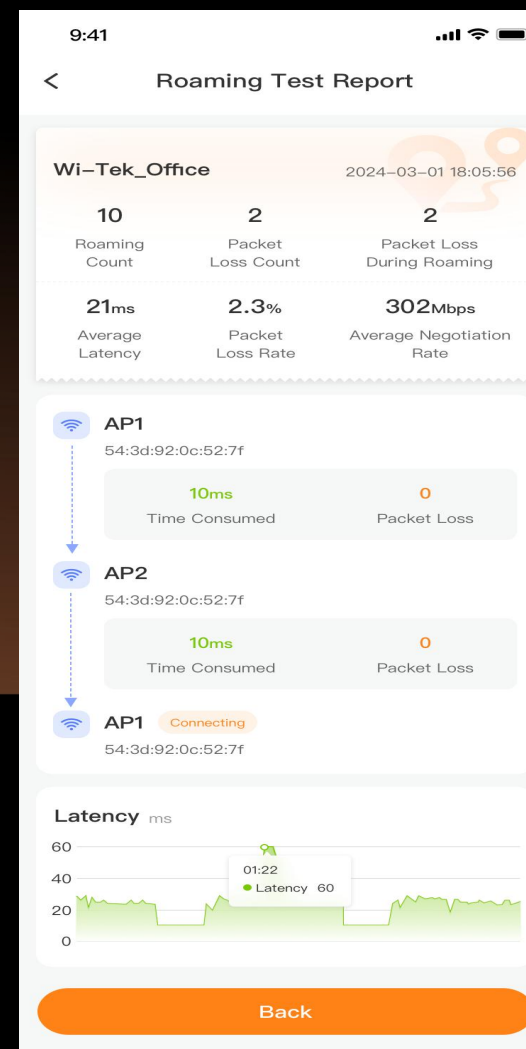
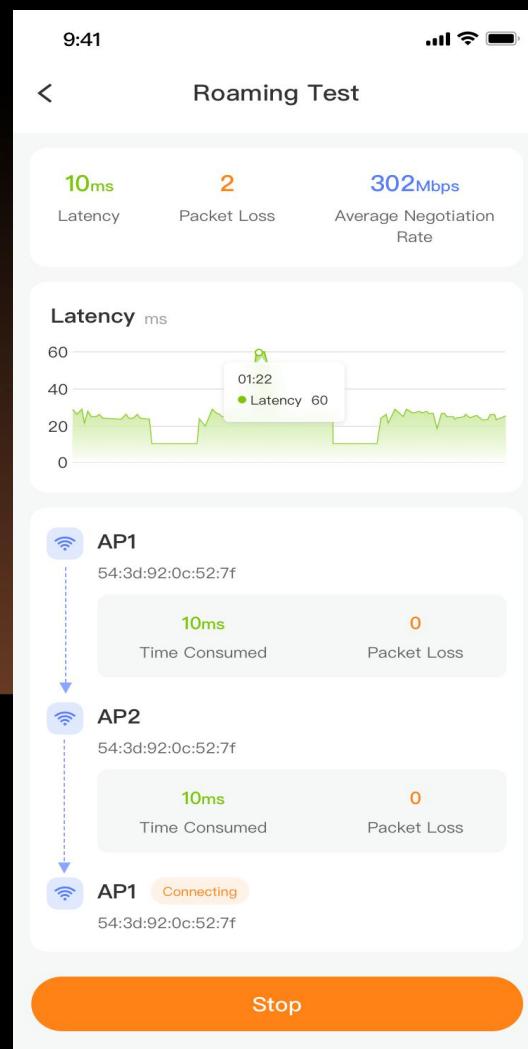
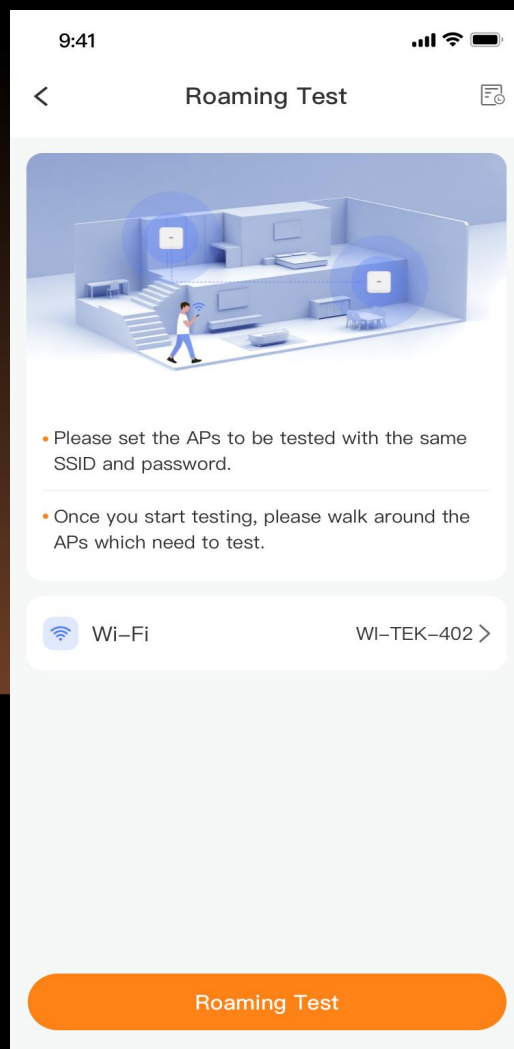
III. Toolkit



- Solar PoE Wizard
- CPE Tool
- Roaming Test
- SD-LAN
- PoE Calculator
- IPC Bandwidth

Toolkit-Roaming Test

It provides a more intuitive and convenient way to test the quality of the wireless network and the roaming effect.



Roaming Test Path:

Step1: Please set the APs to be tested with the same SSID and password. Click "Roaming Test" button to enter the test page.



Step2: Hold your phone and walk around the APs which need to test.



Step3: After walking the entire route, click on the "Stop" button to end the test and see the roaming test report for this test,.

Toolkit-Solar PoE Wizard

This tool automatically recommends Wi-Tek UPS switch, solar panel and battery capacity of the solar system through the load power big data calculation.

14:13

Solar PoE Wizard

Step 1 Step 2 Step 3 Step 4

Do you need a controller for cloud management?

☐ Yes. Recommend WI-IOT100 controller for cloud management. Then you can see cloud visualization of solar system.

☐ No. Only need the local configuration of the device.

Next

14:14

Solar PoE Wizard

Step 1 Step 2 Step 3 Step 4

Fill in the actual power consumption and quantity of IPC.

IP-Camera 1

Type

Please select

Power (0~90 W)

Quantity 0

IP-Camera 2

Type

Previous Next

14:14

Solar PoE Wizard

Step 1 Step 2 Step 3 Step 4

Do you need transmission devices?

If necessary, click the Add button.

+ Add

This system has a total maximum of 5 loads.

Previous Next

14:14

Solar PoE Wizard

Step 1 Step 2 Step 3 Step 4

Please confirm battery backup time.

Battery Backup Time

1 night(14h) + 1 day(24h)

Time of Empty to Full Charge

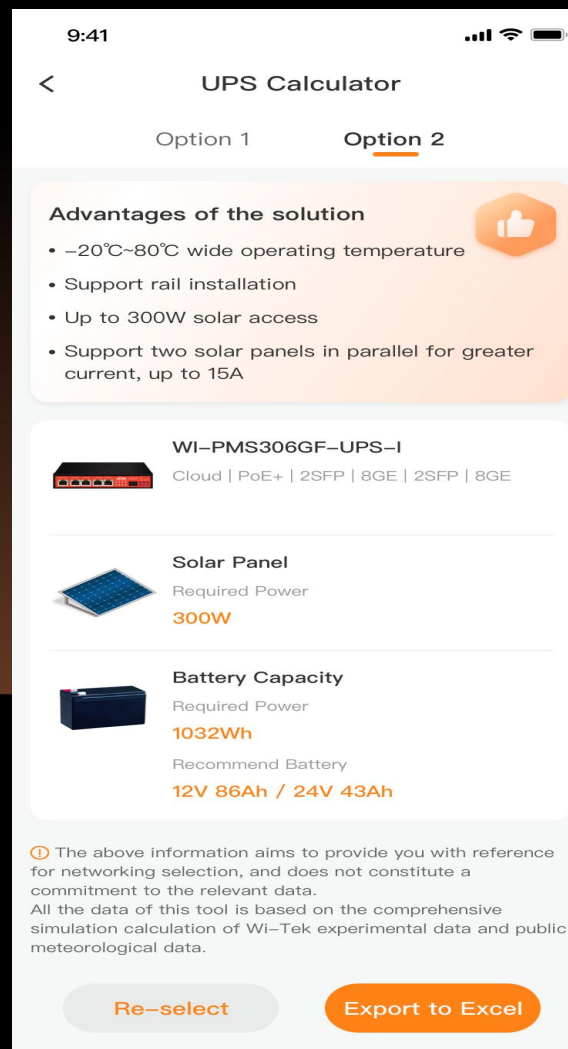
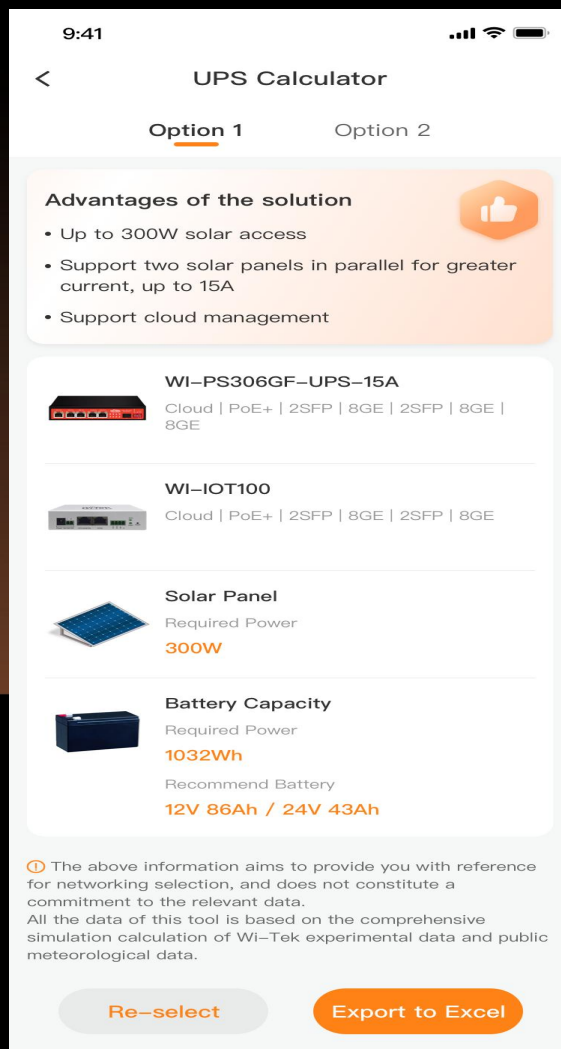
2 days

1. It refers to the number of days that the solar system is expected to be able to work normally continuously when the solar power generation is very little on a continuous cloudy and rainy day.
2. The longer the battery backup time, the larger the battery capacity is required and the higher the cost.

Previous Calculate

Toolkit-Solar PoE Wizard

This tool automatically recommends Wi-Tek UPS switch, solar panel and battery capacity of the solar system through the load power big data calculation.



Toolkit-CPE Tool

Based on point to point, this tool recommends the appropriate CPE model.

9:41

CPE Selection

Based on point to point
this tool recommends the appropriate CPE model.

1 Please select the distance between points.



100m 300m 500m
1 km 2 km 3 km
4 km 5 km

ⓘ If you don't know the actual distance, you can check it on the map.

Next

9:41

CPE Selection

2 Please fill in the type and quantity of IP-Camera to be transmitted.

2MP IPC

Data Rate 3Mbps

Quantity 0

3MP IPC

Data Rate 3Mbps

Quantity 0

4MP IPC

Data Rate 3Mbps

Quantity 5

6MP IPC

Data Rate 3Mbps

Quantity 0

8MP IPC

Data Rate 3Mbps

Quantity 0

Previous Calculate

9:41

CPE Calculator

Recommended Devices:

WI-CPE521
300Mbps | 5GHz | 12dBi | 360° | 27dBm

WI-CPE517
300Mbps | 5GHz | 16dBi | 150° | 27dBm

WI-CPE513P-KIT
300Mbps | 5GHz | 13dBi | 60° | 27dBm

ⓘ The above information aims to provide you with reference for networking selection, and does not constitute a commitment to the relevant data.
All the data of this tool is based on the comprehensive simulation calculation of Wi-Tek experimental data and public meteorological data.

Re-select Export to Excel

CPE Selection Path:

Step1: Please select the approximate distance between points. Click "Next" button to enter the next page.



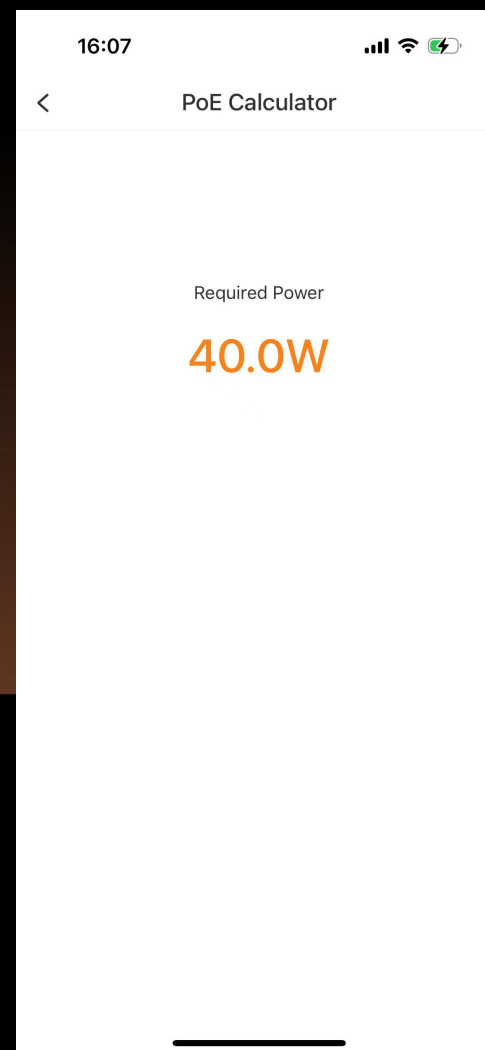
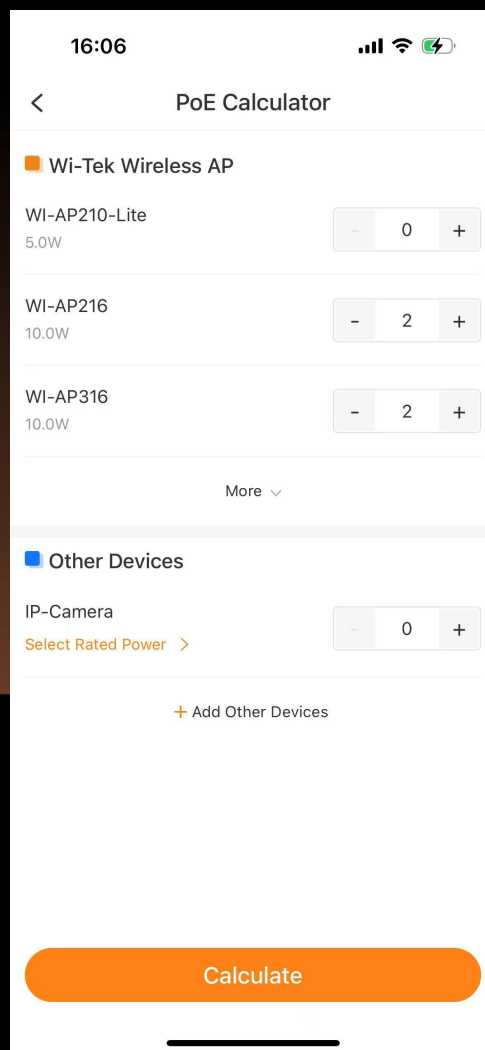
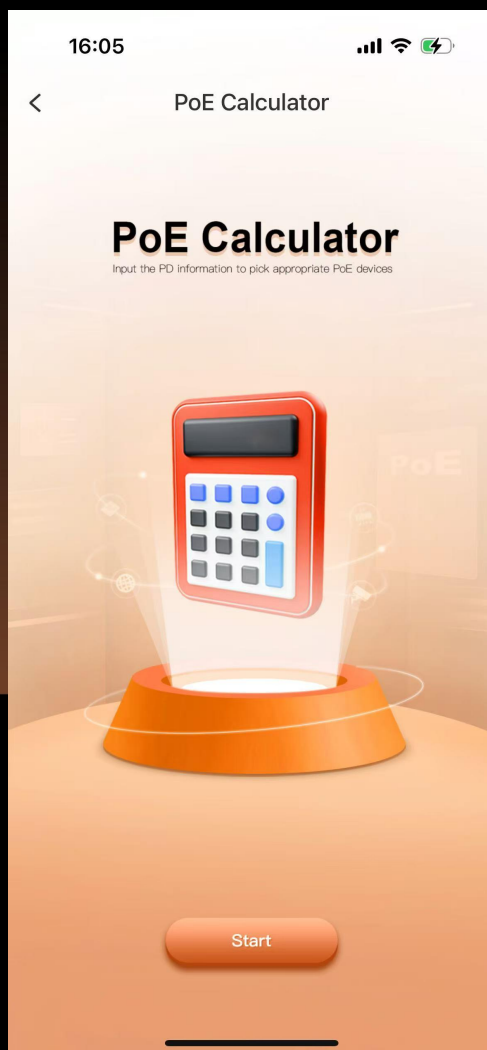
Step2: Please fill in the type and quantity of IP-Camera to be transmitted by the bridge link. Click "Calculate" button to get the result.



Step3: View the recommended Wi-Tek CPE devices and support to export to excel.

Toolkit-PoE Calculator

The PoE calculator will help you to learn about appropriate PoE devices through PD information input.



PoE Calculator Path:

Step1: Tap Toolkit "PoE Calculation" and enter PD information.



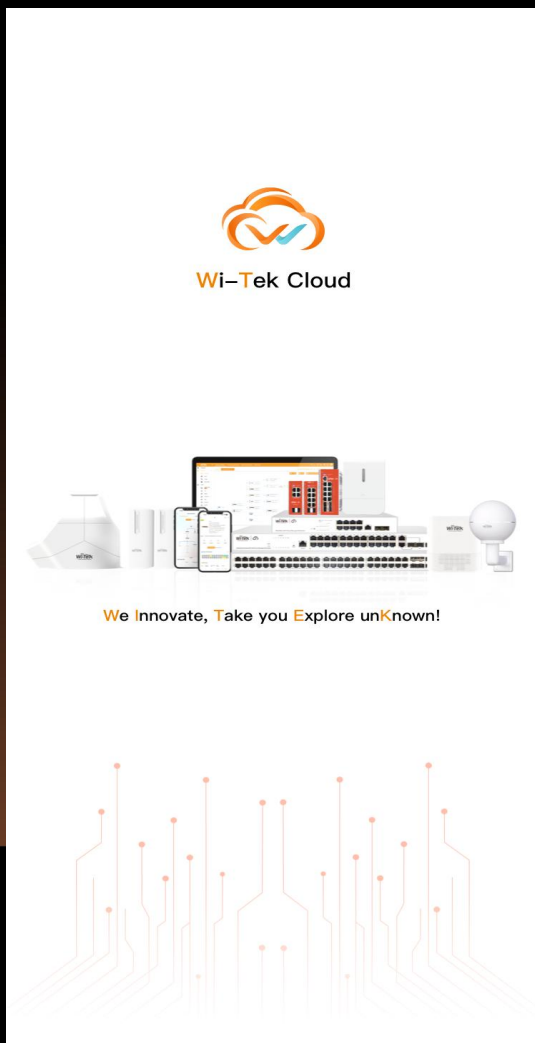
Step2: Enter PD device information, including Wi-Tek devices (select the device's number) and other devices (select the device's number and rated power).



Step3: The PoE calculator will calculate the recommended power.

IV. How to Get

How to Get



Wi-Tek Cloud 

 Available on the
App Store

 **Google play**

Want to learn more about how to use? Please visit: www.wireless-tek.com



Cloud APP/ WEB



Official Website

Communication Solution
Wi-Tek