Avalon Q Quick Start Guide

REV 1.0

2025-05-14

01 Avalon Q Preparation

Appearance Inspection

Please inspect the packing condition of the received Avalon Q before

unpacking it.

Any damage found, please contact us directly at avalonsupport@canaan.io for

further support.

Device Connection

① Avalon Q (Power cord and Wi-Fi module included)

② Network server (excluded)

③ Mobile phone or laptop (excluded)

Software Preparation

Mobile APP - Avalon Family (for Avalon Q's configuration and management)

Scan the QR code on the right to download and

install Avalon Family from App Store or Google Play.

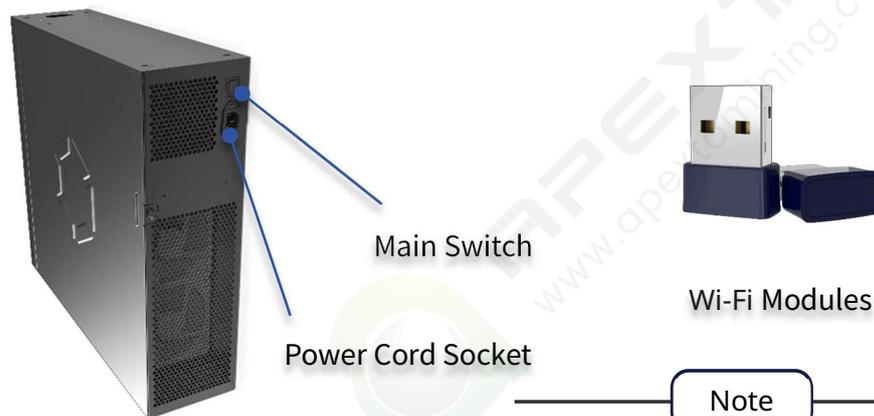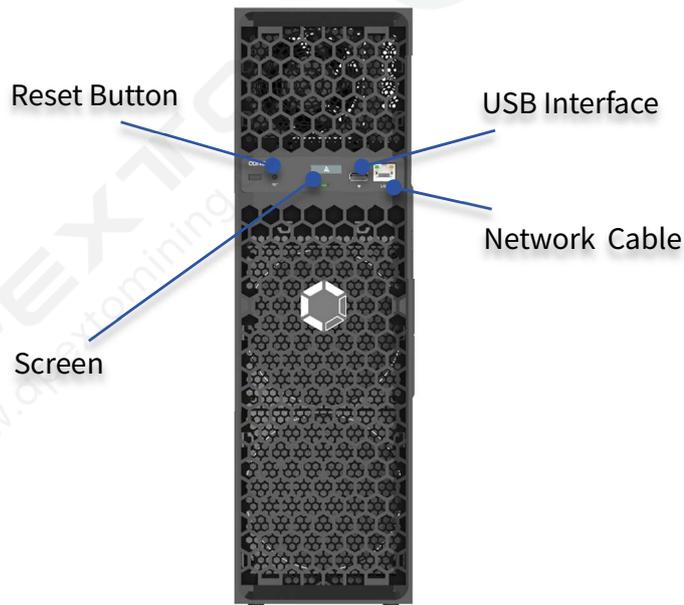Avalon Family

About Network

- The Avalon Q comes with a Wi-Fi receiver module. Please insert it into the USB interface before powering on the device.

- Ensure that the network environment is secure, eliminating viruses, trojan backdoor programs, to protect your cryptocurrency earnings.

- The Avalon Q wireless network only supports 2.4G band network conditions.

- Try to place your Avalon Q near the router or wireless AP device.

- Avalon Q also supports wired network. If you need to use wired network, please unplug the Wi-Fi receiver module and keep it safe. After unplugging, power off Avalon Q for 10 seconds, plug in the network cable, then power on Avalon Q.
  Connect your phone to the same LAN as Avalon Q and use Avalon Family APP to add: Select "New Devices" - "Manually add running devices" - "Enter the IP displayed on the Avalon Q screen".

- This guide will mainly be based on the use of 2.4G Wi-Fi network.

Avalon Q Power On

Before powering on, ensure Wi-Fi module is installed on the front of the device

USB, connect power cord, then manually turn on the main switch on the back to

startup.

Reset Button

USB Interface

Network Cable

Screen

Main Switch

Wi-Fi Modules
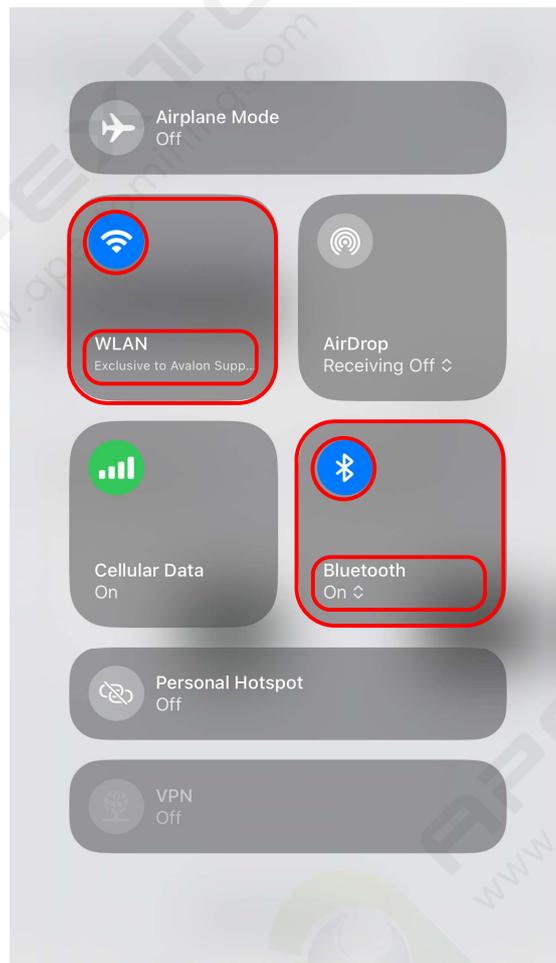
Power Cord Socket

- *Avalon Q Back view*

┌─ Note ─┐

The Wi-Fi Module is in the package box.

Press Reset Button for 5 seconds to restore factory settings.

02 Avalon Q Configuration and Management – Mobile

Avalon Q Network Configuration – Mobile

Open mobile phone settings, turn on Bluetooth, and connect the phone to the Wi-Fi that the Avalon Q needs to connect to. (The wireless network should be 2.4GHz Wi-Fi.)
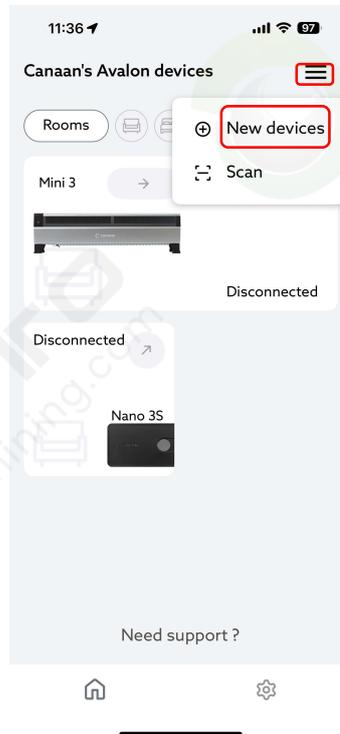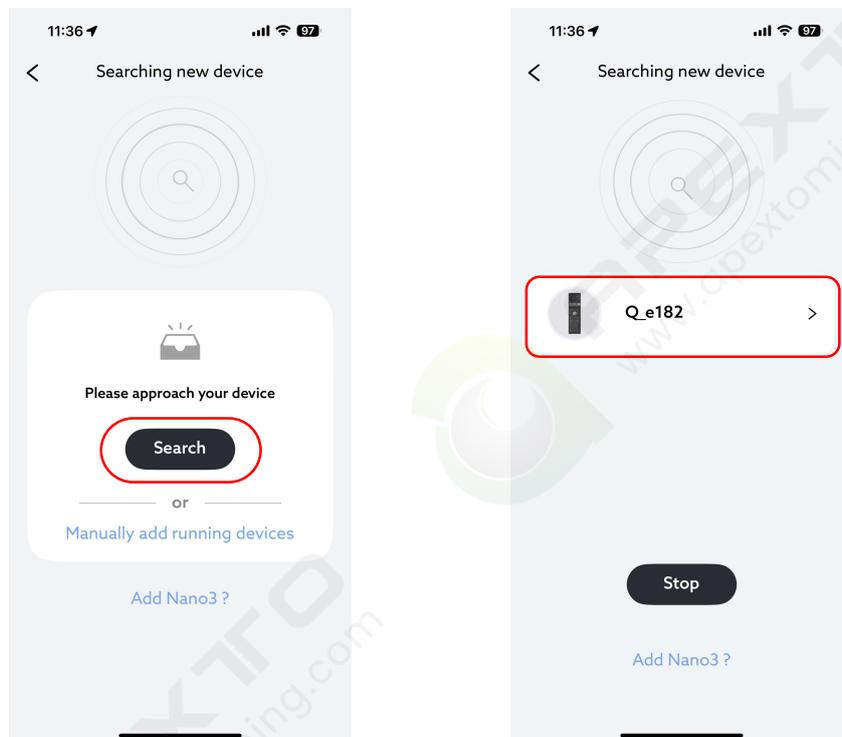

Note

The steps presented on iOS devices.

Android devices have slight differences but share the same steps.

Open the Mobile APP - Avalon Family, click "≡" on the right corner, and click "New devices".
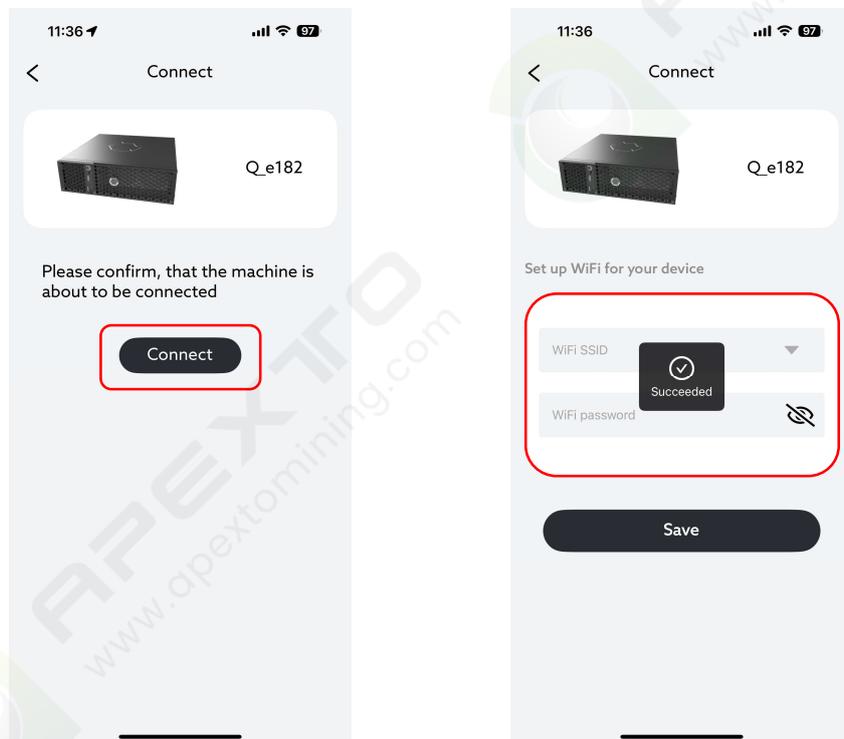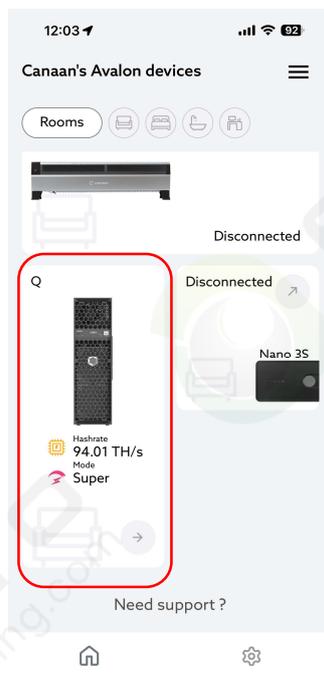

Click "Search", then select "Q_xxxx" to connect.

Tips: Put the mobile phone close to Avalon Q for quick search and connection, and if there are multiple Q to configure, please insert the Wi-Fi module one by one.
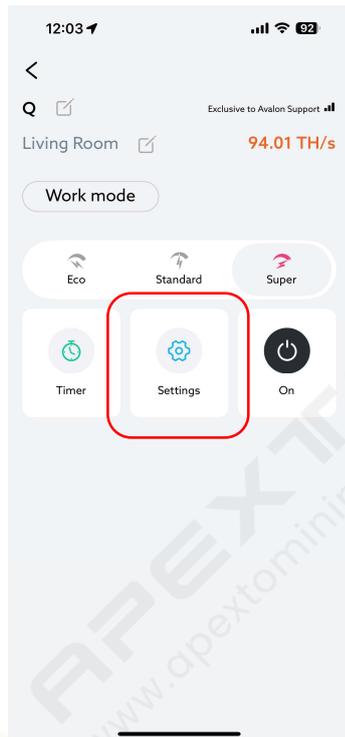
Click the "connect" button, select Wi-Fi SSID, enter Wi-Fi password, and click

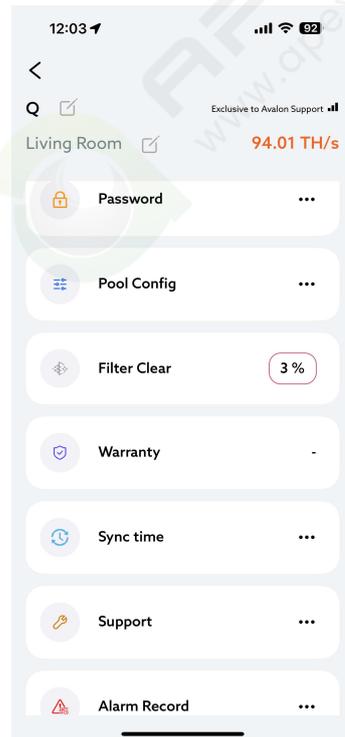"Save" button, then Avalon Q will start connecting to Wi-Fi.

Once Avalon Q is connected, it will appear on the homepage of Avalon Family

APP, then Avalon Q can be managed by Avalon Family.
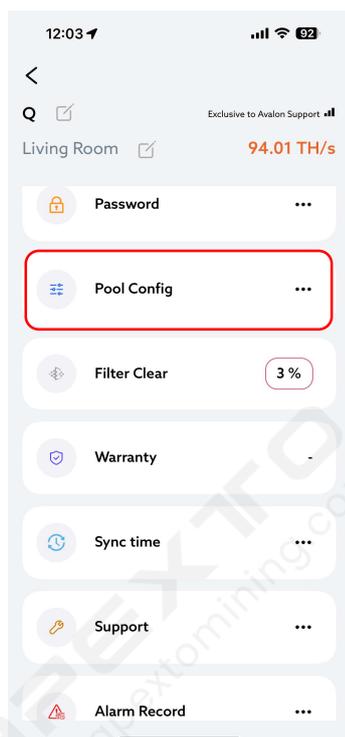
Avalon Q Management – Mobile
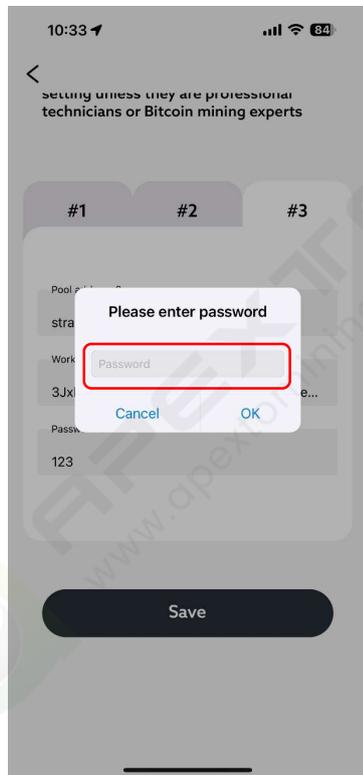

Avalon Q Basic Operations

Avalon Q Settings

03 Avalon Q Mining Pool Configuration – Mobile

Click "Pool Config", enter the pool addresses, worker name and passwords, then click "Save" button.
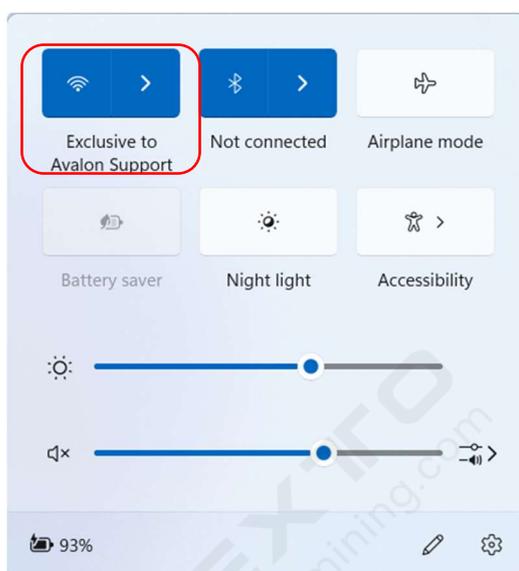
When it prompts "Please enter password", please enter the password (The default password: admin), then click "Continue". After mining pool configuration, the device will automatically restart to apply the change.

04 Avalon Q Management - Desktop

Connect the laptop to the Wi-Fi network that Q's already connected.
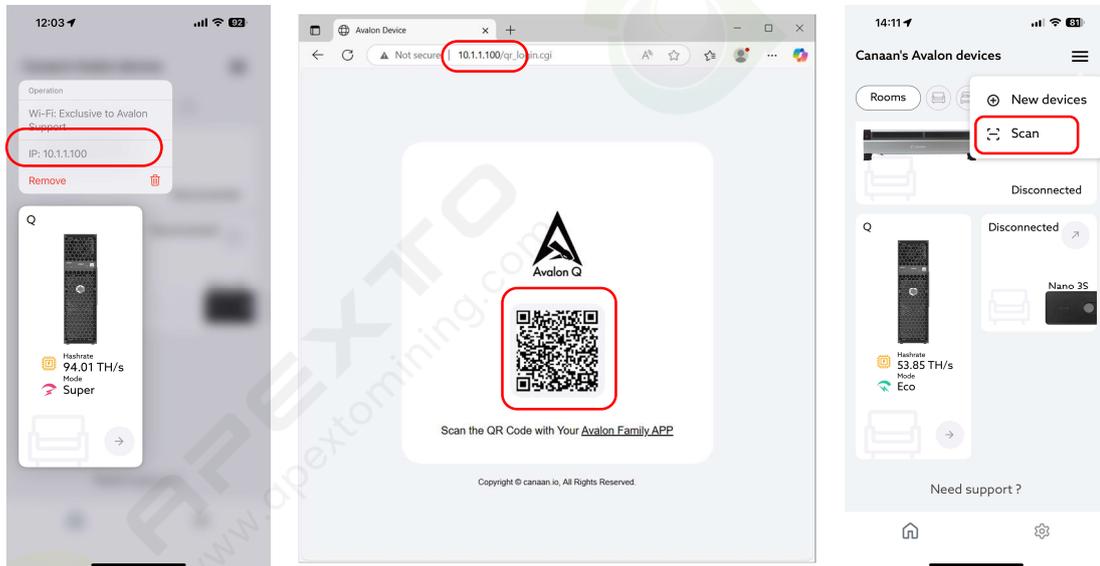

Laptop's Wi-Fi network

The IP address of Avalon Q
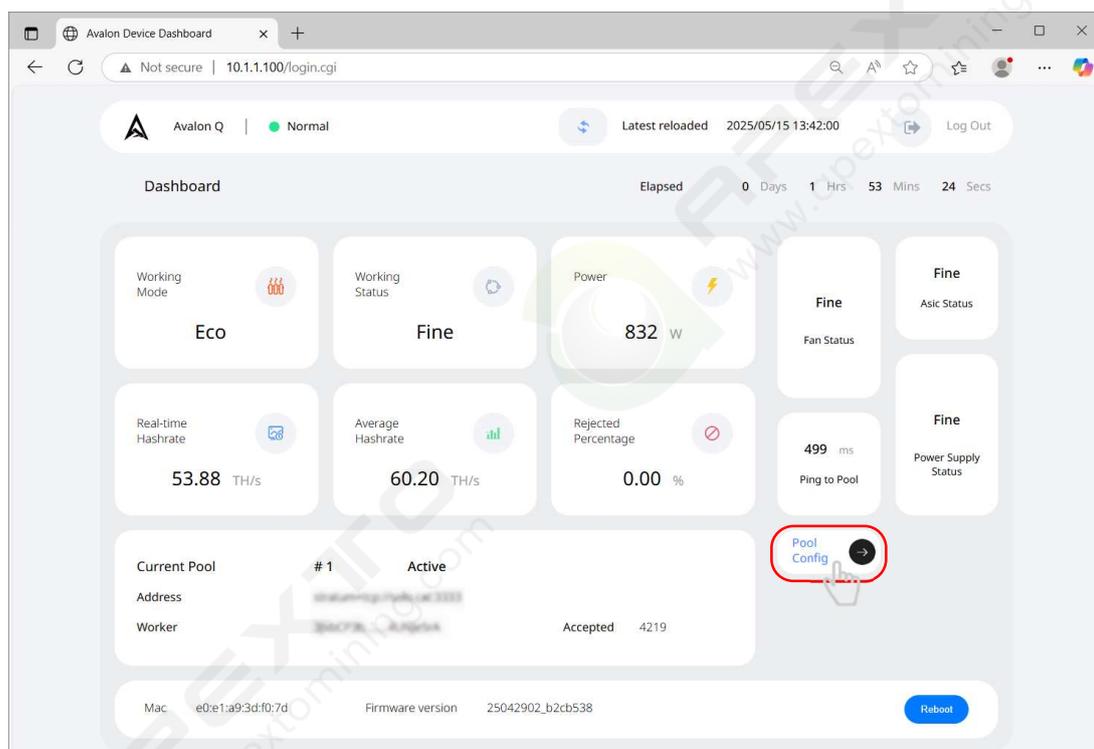Device carousel display screen

Enter Avalon Q's IP address in the browser's address bar into its login web page,

(Long press Q's icon of Avalon Family, it will prompt its IP address).

Open Avalon Family, click "≡", then click "Scan" to scan the QR code to login.
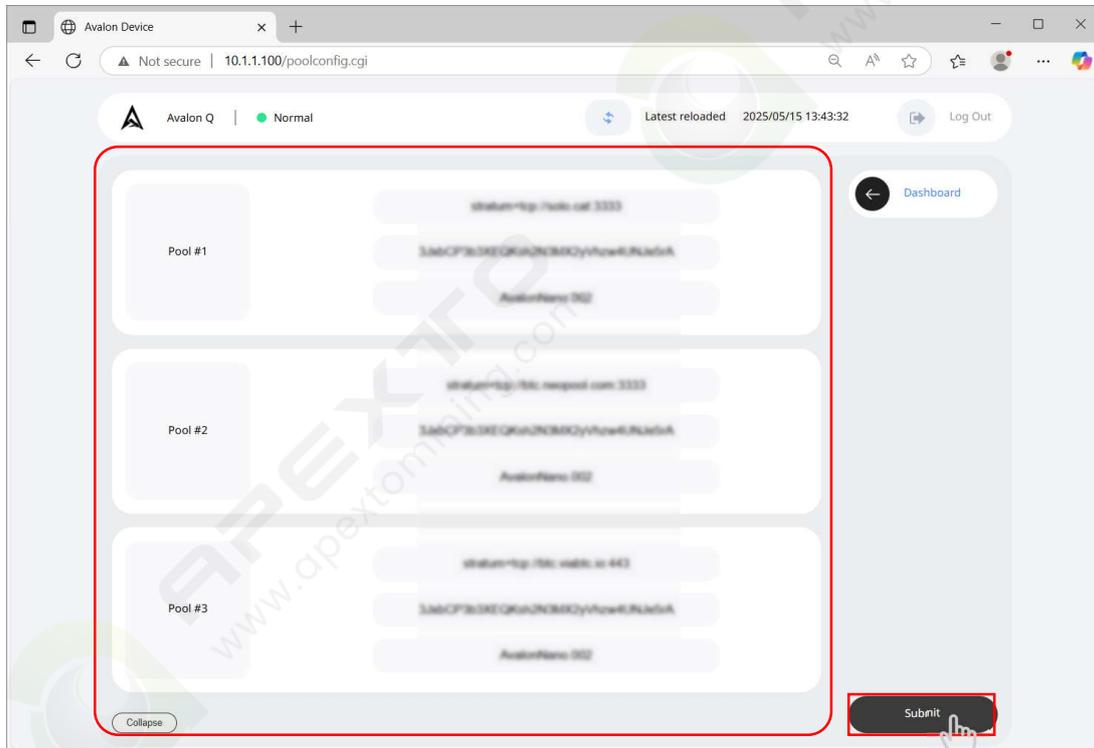

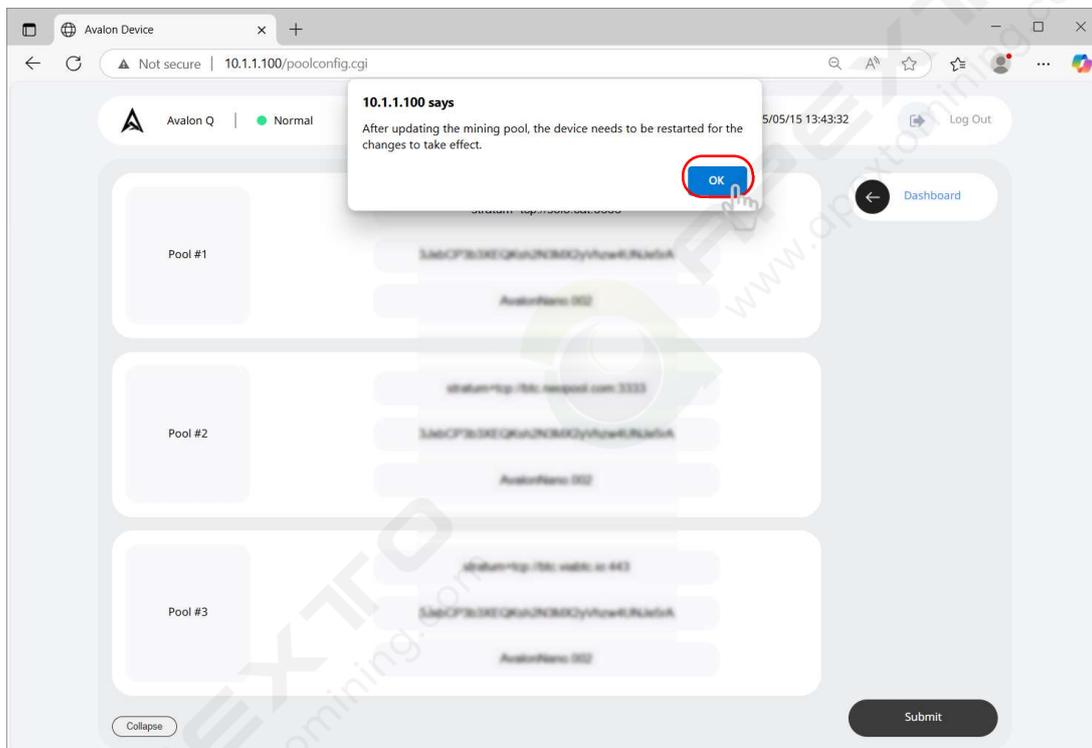## 05 Avalon Q Mining Pool Configuration – Desktop

Login Q's management web page, click "Pool Config" button to configure its

mining pools.

Enter all the three pool addresses, worker names and passwords, then click

"Submit" button.

Click "OK" and the device restarts to apply the mining pool configuration.

06 After-Sales Support

If you have questions regarding Avalon Q, please contact us directly for further information.

Website：https://support.canaan.io

Email：avalonsupport@canaan.io

Disclaimer

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Avalon Support