



UniFi Odroid-C4 Controller User Manual

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UniFi Controller

Odroid-C4 Controller
User Manual



1. Connect the device to your home/business network with an Ethernet cable to the RJ45 port
2. Connect power adapter to the power connector (power source at least 12VDC / 2A)
3. Wait for the system to start, including the UniFi application, about 2 minutes
4. A) A DHCP server is active in the network
 - a. Enter the address <https://<DHCP-IP>:8443> to the browserB) A DHCP server is not active in the network
 - a. Set an IP address on your computer from the range 192.168.1.0/24
 - b. Enter the address <https://192.168.1.30> in your browser
5. Software Setup Guide:

- A) Setup with remote access (requires an account at <https://www.ui.com>)
- Name your network (Pic. 1)
 - Enter your login credentials at <https://www.ui.com> (Pic. 2)
 - Set UniFi network options (Pic. 3)
 - Adopt UniFi devices on your current network (Pic. 4)
 - Enter the name of the new wireless network and the encryption key (Pic. 5)
 - Review the configuration, select the correct state where the network will be operated and the time zone (Pic. 6)
- B) Settings without remote access:
- Name your network (Pic. 1)
 - Switch to Advanced Setup and uncheck Enable remote access and use your Ubiquiti account for local access. Fill in the login credentials according to your preferences (Pic.7)
 - Set UniFi network options (Pic. 3)
 - Adopt UniFi devices on your current network (Pic. 4)
 - Enter the name of the new wireless network and the encryption key (Pic. 5)
 - Review the configuration, select the correct state where the network will be operated and the time zone (Pic. 6)
6. Username and password for console and SSH access: root/Odroid-C4 or ubnt/ubnt
7. Reset the UniFi controller to factory settings – log in via console or SSH and edit the system.properties file with the command “sudo mcedit /usr/lib/unifi/data/system.properties”, change the value “is_default=false” to “is_default=true” . Press F10, confirm to save the file and finally reboot with “sudo reboot”.
8. Complete SW UniFi documentation is available at <https://www.ui.com>



Pic. 1



Step 2 of 6

Sign in with your Ubiquiti Account

Use your Ubiquiti Account to access your Controller via the unifi.ui.com service or locally with the same credentials.

Username

Password

[Switch to Advanced Setup](#)

Pic. 2



Step 3 of 6

UniFi Network Setup

Basic configuration for your network.

Automatically optimize my network



UniFi Network automatically detects and sets the most commonly missed, but vital, settings for improved WiFi and network performance.

Enable Auto Backup



UniFi Network will periodically do backups of your setup.

Pic. 3



Step 4 of 6

Devices Setup

Please select the devices you would like to configure.

<input type="checkbox"/>	MODEL	IP	MAC	UPTIME
<input type="checkbox"/>	UniFi AP-AC-LR			1 hour ago

Pic. 4



Pic. 5



Pic. 6



Pic. 7

Step 5 of 6

WiFi Setup

Name your new Wi-Fi network and choose a password.

WiFi Name

YOUR_SSID

WiFi Password

Combine 2 GHz and 5 GHz WiFi Network Names into one



Step 6 of 6

Review Configuration

Check your configuration and setup your Controller.

Controller Name UniFi Network

Remote Access Enabled

Use Ubiquiti account for local access Yes

Ubiquiti Account

WiFi Name YOUR_SSID

Country or territory Czech Republic

Timezone (UTC+02:00) Europe/Prague

Step 2 of 6 (Advanced)

Advanced remote and local access

Change access methods and local accounts

Enable Remote Access ☐

You will not be able to login to this device via the Remote Access and must provide local credentials for managing this device, all its controllers as well as SSH.

Use your Ubiquiti account for local access ☐

Local Administrator Username

Local Administrator Password

Confirm password



Local Administrator Email

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Documents / Resources

<div>UniFi Controller</div> <div>Powered by HardKernel Odroid-C4</div> <div>[English version] </div> <div></div>	<div>UniFi Odroid-C4 Controller [pdf] User Manual</div> <div>Odroid-C4 Controller, Odroid-C4, Controller</div>
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References

-  [Ubiquiti - Rethinking IT](#)
-  [Ubiquiti - Rethinking IT](#)