

# Cyber-Rain XCI WiFi

## Installation and Quick Start Guide

Revision 1.0 - October 2015



## Revision History

| Revision | Date         | Description    |
|----------|--------------|----------------|
| 1.0      | October 2015 | Initial Draft. |

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# Before you Begin

The Cyber-Rain XCI WiFi uses WiFi and must be installed at close proximity to a WiFi signal.

The Cyber-Rain XCI WiFi is designed to be installed indoors. If you install it outdoors, make sure to protect the unit using a water tight cover.

## What's inside the Box



**Controller**



**Power Supply**

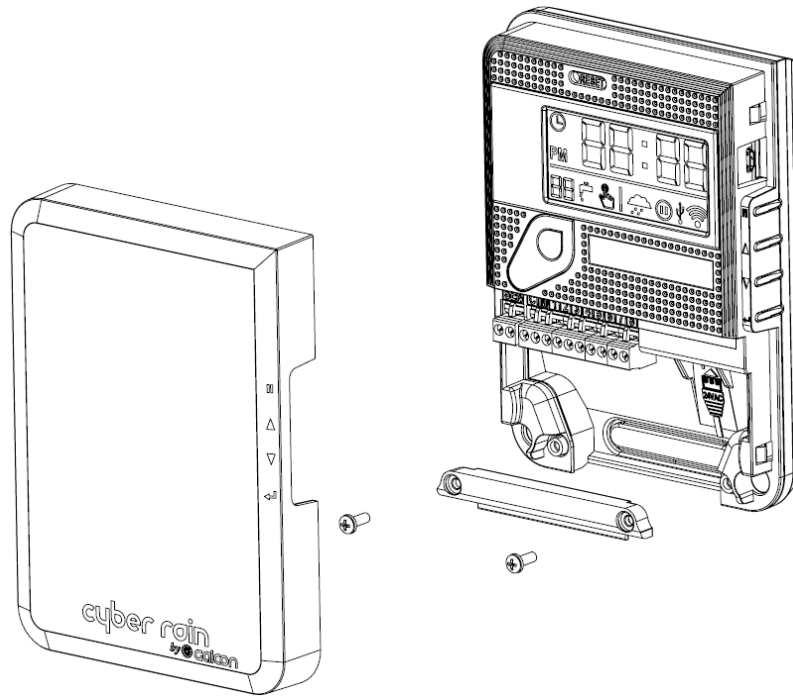


**Quick Start Guide (this guide)**

# Step 1: Connect to your Home WiFi Network

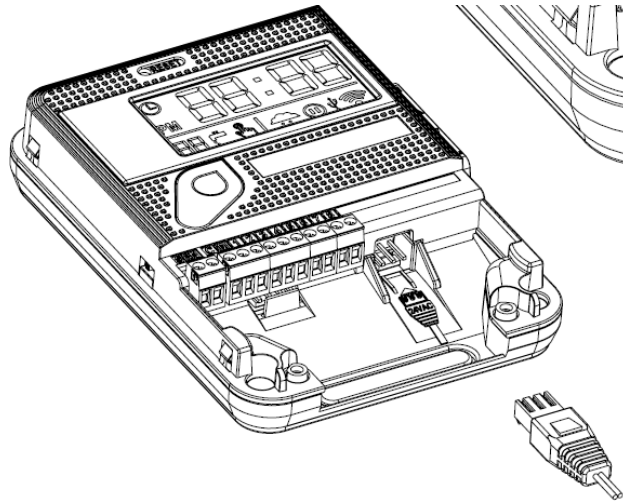
Remove the controller and parts out of the box.

1. Remove the cover and the cables bridge by unscrewing the two screws.



2. Connect the power cable. Make sure to insert the cable in the direction shown on the unit.  
Connect the other side to a 110 - 220 V power socket.

## Step 1: Connect to your Home WiFi Network



The controller is powered on.

3. Press and hold the most lower button marked **Enter** for 5 seconds.



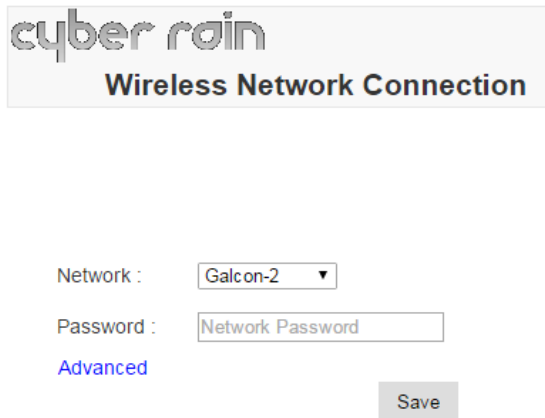
The WiFi symbol is flashing.

4. In your home pc or laptop locate the WiFi network named: Cyber\_Rain WIFI and connect to it.



5. In your browser, type in: <http://cyber-rain.net> and in the window that appears select your home

WiFi network and password (if exist) and click **Save**.



The screenshot shows a web-based configuration window titled "cyber rain Wireless Network Connection". It contains two input fields: "Network :" with a dropdown menu showing "Galcon-2" and a small downward arrow, and "Password :" with a text box containing "Network Password". Below the password field is a blue link labeled "Advanced". At the bottom right is a grey button labeled "Save".

The window closes and the controller is now connected to your home WiFi.

Note the WiFi icon on the controller screen indicating that the controller is connected to a WiFi network.

## Step 2: Install the Cyber-Rain Controller

The Cyber-Rain XCI WiFi controller is designed for indoor installation. If you decide to install it outside, make sure to protect the unit from water, direct sunlight, and dust.

1. Position the unit against a wall and mark the top mounting hole for drilling.
2. Drill the hole and mount the unit using an appropriate screw (not provided).
3. Once the unit is mounted using the top hole, use the two bottom holes to affix the unit firmly to the wall.



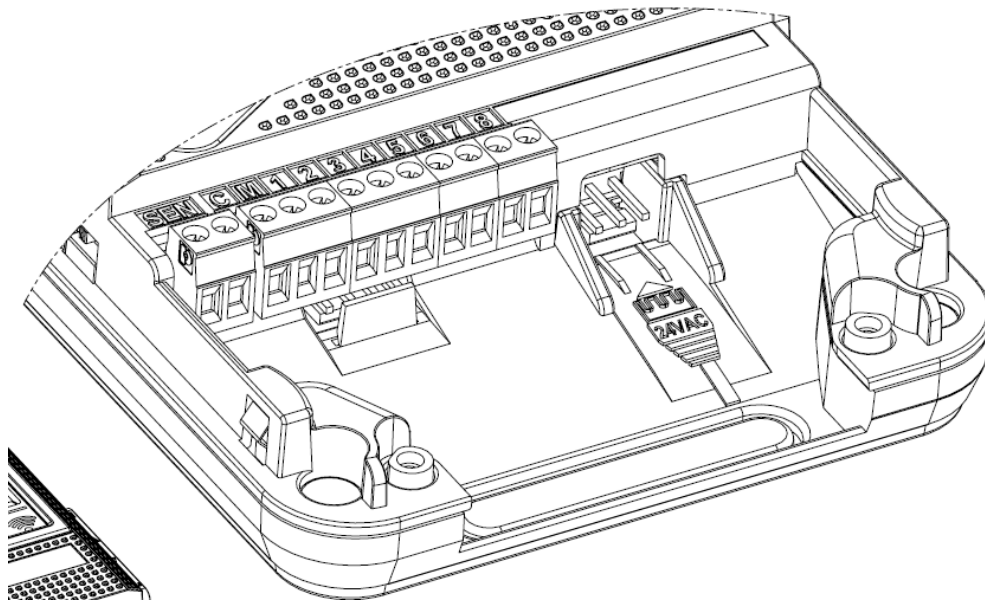
## Step 3: Wiring

For your convenience, take out the green connections block, connect the wires as described and then return the connection block back into its place.

1. Connect one wire from each valve to the matching connection number (1 to 8).
2. Connect the second wire from each valve to the **C** connection.

It is possible to connect all the C wires to a transmission cable outside the controller and to connect that cable to the **C** connection.

3. Connect the rain sensor wires to the connections marked **SEN**.



4. Close the controller cover.

# Manual Operations

When your WiFi network is down, you can operate your Cyber-Rain XCI WiFi controller directly from the unit.

## Opening Taps:

1. Press Enter → the tap number flashes.
2. Use the arrow keys to select the tap number you want to open.
3. Press Enter again → the time digits flash.
4. Use the arrow keys to set the irrigation time.
5. Press enter to confirm → the Leds turn blue.

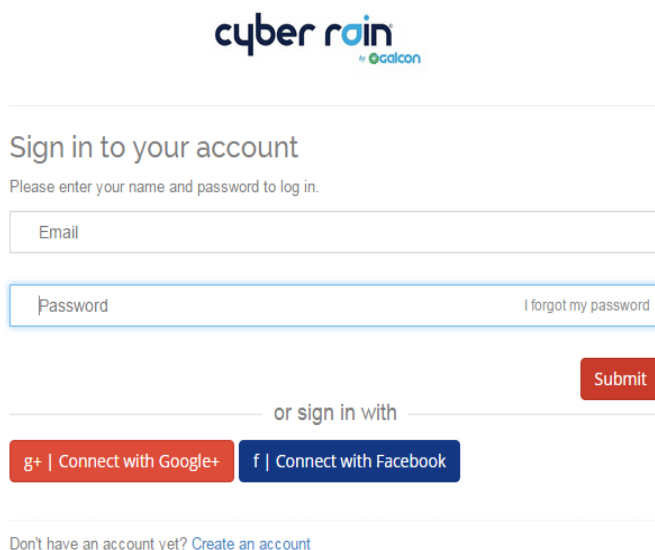
## Stopping and Pausing Irrigation

1. Press Pause (top button) → the controller returns to clock mode and the Leds turn purple.
2. Press and hold Pause for five seconds to put the controller on hold → the leds turn red.
3. Press Pause again to release hold.

# Create your Account

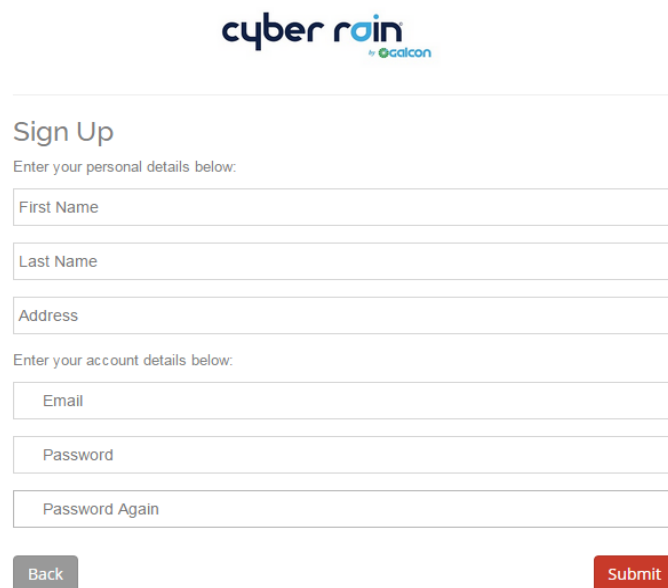
Visit <http://cyber-rain.net> to create your account and manage your controller online.

1. In the Cyber Rain sign in page, click **Create an account** or sign in with your Google+ or Facebook account.



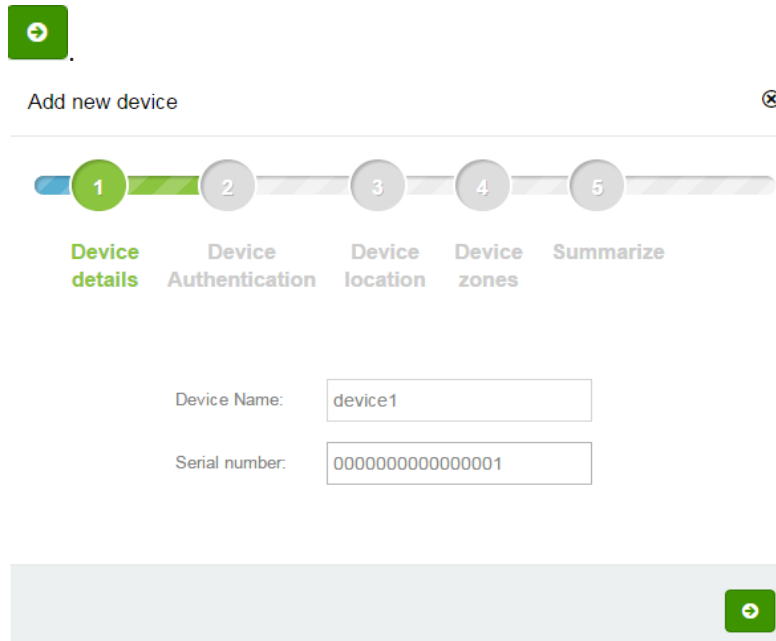
The image shows the Cyber Rain sign-in page. At the top is the Cyber Rain logo with the Galcon logo below it. The main heading is "Sign in to your account". Below it is a subtext: "Please enter your name and password to log in." There are two input fields: "Email" and "Password". To the right of the Password field is a link that says "I forgot my password". Below the input fields is a "Submit" button. Underneath the Submit button is the text "or sign in with". Below this text are two buttons: "g+ | Connect with Google+" and "f | Connect with Facebook". At the bottom of the form is a link that says "Don't have an account yet? Create an account".

If you chose to create an account, in the Sign Up page, enter your account details and click **Submit**.



The image shows the Cyber Rain sign-up page. At the top is the Cyber Rain logo with the Galcon logo below it. The main heading is "Sign Up". Below it is a subtext: "Enter your personal details below:". There are three input fields: "First Name", "Last Name", and "Address". Below these is another subtext: "Enter your account details below:". There are three input fields: "Email", "Password", and "Password Again". At the bottom of the form are two buttons: "Back" and "Submit".

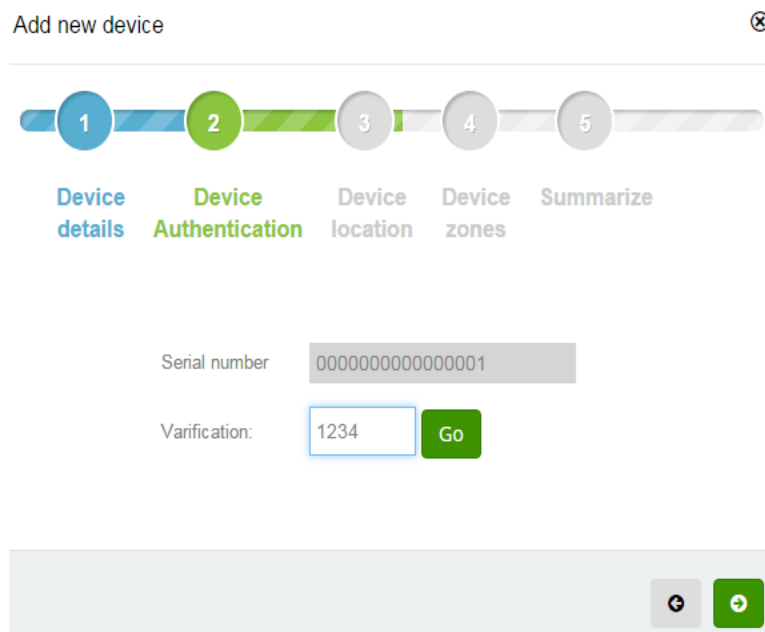
2. In the Welcome page, click **Add New Device**.
3. Type in your device serial number and give it a name, then click



The screenshot shows the 'Add new device' interface. At the top, there is a green button with a right arrow. Below it, the title 'Add new device' is followed by a close icon. A progress bar with five steps is shown: Step 1 (Device details) is active and green, while Steps 2 (Device Authentication), 3 (Device location), 4 (Device zones), and 5 (Summarize) are greyed out. Below the progress bar, the 'Device Name' field contains 'device1' and the 'Serial number' field contains '0000000000000001'. At the bottom right, there is a green button with a right arrow.

The site authenticates your device and a PIN code will appear on the controller screen.

4. Type in this number in the **Verification** field and click **Go** to continue.



The screenshot shows the 'Add new device' interface at Step 2: Device Authentication. The progress bar now shows Step 2 as active and green, while Step 1 is greyed out. The 'Serial number' field is now greyed out and contains '0000000000000001'. The 'Verification' field contains '1234' and is highlighted with a blue border. To the right of the 'Verification' field is a green button labeled 'Go'. At the bottom right, there are two green buttons: one with a left arrow and one with a right arrow.

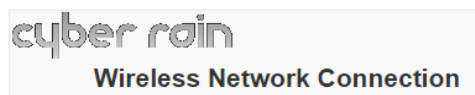
After a successful authentication, the following message appears:

**Your Device is WIFI.**

Please follow these steps:

- Power ON your device.
- Wait for WIFI icon to blink.
- Look for Wifi network named as "Cyber-Rain WIFI XXXX" and connect to it.
- Open this link. [select a network](#)
- Done. click Next

5. Click **select a network**, select your home WiFi network and password, and click **Save**.



Network :

Password :

[Advanced](#)

6. Click .

The system locates your device and displays it on the map.

Add new device ⓧ

1

2

3

4

5

Device details

Device Authentication

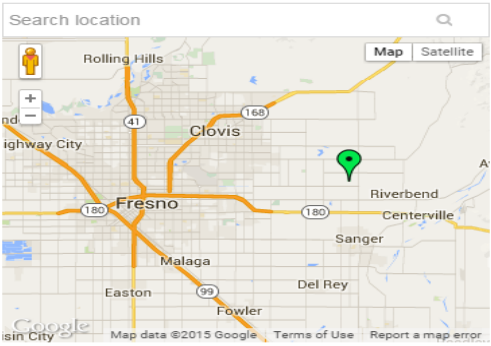
Device location

Device zones

Summarize

Search location

Map Satellite



↩

➡

7. Click .

Your controller is now ready to define irrigation zones.

Add new device ⓧ

1

2

3

4

5

Device details

Device Authentication

Device location

Device zones

Summarize

How many zones would you like to activate?

16 ▾

**NOTE:** You can always activate additional zones later.

☒ Set zones definition later?

↩

➡



#### **FCC Compliance Statement**

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio and television reception.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause such interference, which can be verified by turning the device off and on, the user is encouraged to eliminate the interference by one or more of the following measures:

- Re-orient or re-locate the receiving antenna.
- Increase the distance between the device and the receiver.
- Connect the device to an outlet on a circuit different from the one that supplies power to the receiver.
- Consult the dealer or an experienced radio/TV technician.

***WARNING!*** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To comply with FCC Section 1.310 for human exposure to radio frequency electromagnetic fields, implement the following instruction:

A distance of at least 20 cm between the equipment and all persons should be maintained during the operation of the equipment.

