

Rainforest Control System

User Manual & Safety Instructions

Model: Bunopili Habitat120

Version: V1.0

Language: English

For Indoor Use Only

1. Product Overview

The Rainforest Control System is an integrated smart controller designed for terrariums, vivariums, and rainforest-style enclosures.

It allows centralized control of multiple devices through a single control unit, significantly simplifying setup and daily operation.

The system is designed for hobbyists, breeders, and professional users who require reliable control of lighting, misting, ventilation, and environmental monitoring.

Key Features

Centralized control of multiple rainforest devices

Timed automation and manual override

Environmental data monitoring

Modular expansion via accessory ports

Mobile App control

2. Intended Use

This product is intended for:

Indoor terrariums and vivariums

Rainforest plant enclosures

Reptile and amphibian habitats (non-medical use)

This product is NOT intended for:

Outdoor use

Life-support or medical systems

Industrial or commercial automation

Submersible operation

Improper use may result in damage to equipment or injury.

3. System Components

Depending on the configuration, the Rainforest Control System may include:

Main Control Unit

Power Adapter

Device Connection Cables

Environmental Sensors (temperature / humidity)

Lighting modules

Misting system

Water pump

Fogger

Ventilation fans

Water leak sensor

Actual components may vary by model and region.

4. Technical Specifications

Input Voltage: DC 24V

Rated Current: 8 A

Power Consumption: 125 W

Operating Temperature: 0° C – 40° C

Operating Humidity: 10% – 90% RH (non-condensing)

Wireless Connectivity:

Wi-Fi: 2.4 GHz IEEE 802.11 b/g/n

Bluetooth

Control Method: Mobile App

5. Installation Instructions

5.1 Placement

Place the control unit in a dry, ventilated area.

Do not expose to water, dripping, or splashing.

Ensure adequate clearance for heat dissipation.

5.2 Electrical Connection

Use only the supplied power adapter.

Ensure the power source matches the rated input voltage.

Do not overload extension cords or power strips.

5.3 Device Connection

Power off the system before connecting any accessories.

Connect devices to the corresponding labeled ports.

Ensure secure cable connections.

6. Operation

6.1 Power On

Connect the power adapter.

The system will start automatically.

6.2 App Control

Download the official Bunopili App.

Follow in-app instructions to pair the device.

Configure schedules, modes, and device parameters.

7. Safety Instructions

☐ Important Safety Information

Indoor use only.

Do not disassemble or modify the product.

Keep away from children.

Disconnect power before cleaning or maintenance.

Do not use if the power cable is damaged.

Do not operate near flammable materials.

Failure to follow these instructions may result in electric shock, fire, or equipment damage.

8. Cleaning & Maintenance

Disconnect power before cleaning.

Clean with a dry or slightly damp cloth.

Do not use solvents or corrosive cleaners.

Regularly inspect cables and connectors.

9. Troubleshooting

Issue	Possible Cause	Solution
Device not powering on	Power adapter issue	Check power supply
App cannot connect	Network issue	Ensure 2.4GHz Wi-Fi
Device not responding	Firmware / wiring	Restart system

10. Disposal Information

**This product must not be disposed of with household waste.
Dispose of according to local regulations for electronic waste.**

12. Manufacturer Information

Manufacturer:EDEN MOSS INC

Address:30 N GOULD ST STE RSHERIDAN, WY 82801

Website:www.bunopili.com

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment 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 a residential installation. 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 communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction