# DLC-200S
# Digital Life Controller

# User Guide

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# Chapter 1
# Introduction

1

*This Chapter provides an overview of the Controller's features and capabilities.*

Congratulations on the purchase of your new device. The Digital Life controller uses multiple radios to control and manage appliances, lighting; remotely lock or unlock doors and other security and automation services. In addition, the controller even includes 24-hour backup and advanced diagnostics.

Ultimately, this device is designed for users to gain remote, wireless access to cameras, window and door sensors, smoke detectors, thermostats and other appliance controls. A professional initial installation is required.
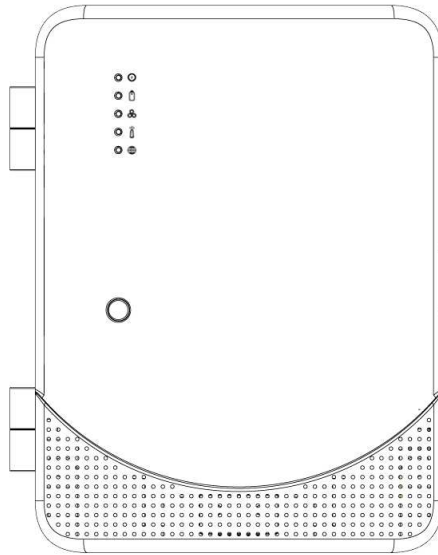
## Features

- NAND 4GB Flash
- DDR3 RAM 1GB
- One WAN port with RJ45 connector
- One LAN port with RJ45 connector (LAN is disable, for debug only)
- PoE (802.3at Type) Support
- Front Panel LEDs
- One button for turning off sounder
- 24-hour battery backup
- One Micro SD card slot (Optional)
- Internal antenna for 3G, WiFi, DECT, Z-Wave, ZigBee, One-way Radio and Two-way Radio

# LEDs

## Top-mounted LEDs

The device has five LEDs.

| | |
|---|---|
| **Power** | • **On** (Green) - Power On<br>• **On** (Red) - Power Failure<br>• **Off** - Power Off |
| **Battery** | • **On** (Green) - The battery is installed<br>• **On** (Red) - The battery needs to be Replaced.<br>• **Off** – Battery not installed. |
| **System** | • **On** (Green) - System is good<br>• **On** (Red) - There is a system problem<br>• **On** (Yellow) - The system is in Maintenance<br>• **Flashing** - Indicates Radio Frequency (RF) Jamming |
| **Wireless Broadband** | • **On** (Green) - Wireless connection established.<br>• **Off** - No active connection on the corresponding LAN port. |
| **Wireline Broadband** | • **On** (Green) - Wireline connection established.<br>• **Off** - No active connection on the WAN port. |

## Rear Panel
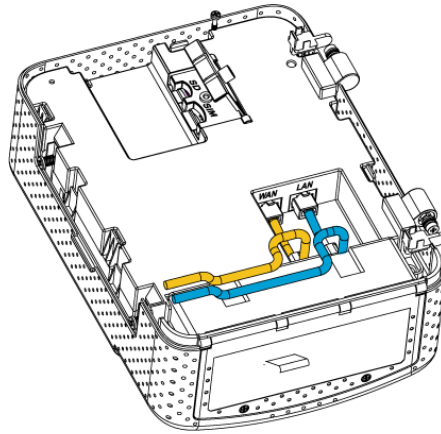


| | |
|---|---|
| **LAN Port** | The standard Ethernet cable can provide the power to the device by connecting the device to your router or PC. |
| **WAN Port** | Connect this port to your ADSL connection. |
| **Micro SD Card (Optional)** | Insert the SD card into the slot, if required. |
| **SIM Card Slot** | Insert the SIM card for mobile broadband access. |

# Chapter 2
# Initial Installation

**2**

*This Chapter covers the software installation of the Controller.*

## Requirements
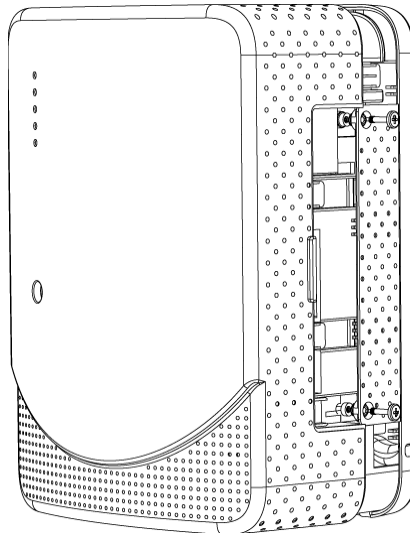
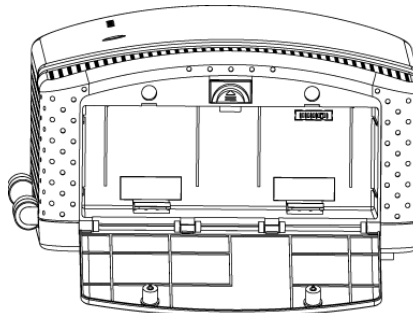- Use standard 10/100BaseT network (UTP) cables with RJ45 connectors.

## Procedure

### 1. Choose an Installation Site

Select a suitable place to install the Controller.

**Note:** You can open the front cover by removing the two screws with a screwdriver if required.



**Note:** Use a screwdriver to remove the two screws of the battery cover before installing the battery.

## 2. Connect Ethernet Cables

Route a standard Ethernet cable from the LAN port through the openings to connect to the device.

Route a standard Ethernet cable from the WAN port through the openings to connect to the ADSL router.
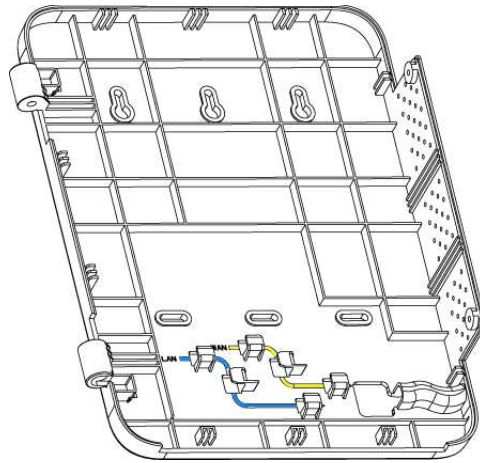


## 3. Check the LEDs

- The *Power* LED should be ON.
- The *Wireless Broadband* LED should be ON.

# Appendix A
# Specifications

**A**

## Digital Life Controller

| Model | Digital Life Controller |
|---|---|
| Network Interface | Two Ethernet 10/100BaseT (RJ45) Ports:<br>One RJ-45 for WAN<br>One RJ-45 for LAN (LAN is disable, for debug only) |
| Operating Temperature | -10° C to 55° C |
| Storage Temperature | -45° C to 85° C |
| Micro SD Card (Optional) | One SD Card slot |
| Button | 1 |
| LEDs | 5 |
| Power | Power Over Ethernet (PoE)<br>Battery Backup support |

## Regulatory Approvals

### FCC Statement

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 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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

## FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 25 centimeters between the radiator and your body.

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## CE Approvals

The Controller and the Ethernet Controller meet the
guidelines of the European Union and comply with the 99/5/EEC and RTTE 99/5EG directives, including the following standards:

- EN 50131

This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

This product is UL and cUL certified and comply with UL985/UL1023/UL1637/UL60950 Information Technology Equipment applicable requirement.