CRIB LIGHTING

UWMC- X04
INSTALLATION MANUAL

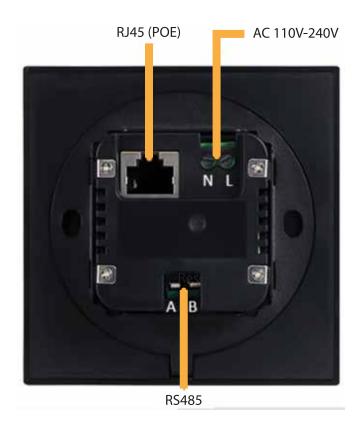# 1.Installation Instructions

1.1 Safety Precautions

- Installation must be performed by professional electricians
- Turn off main power supply before installation
- Verify power is off using appropriate testing equipment
- Product must be kept away from fire and water
- Not suitable for moisture-prone areas (e.g., bathrooms)
- Follow all local electrical codes and regulations

1.2 Mounting Requirements

- Standard 86mm wall box compatibility
- Minimum 50mm mounting depth
- Dry, indoor location required
- Operating temperature: 0°C to 40°C
- Humidity range: 5-90% non-condensing

1.3 Installation Steps

RJ45 (POE)   AC 110V-240V

N L

A B

RS485

Pre-Installation Checks

1. Verify wall box compatibility (86mm standard)
2. Ensure minimum 50mm mounting depth
3. Confirm power supply meets requirements
4. Check all necessary tools are available

Installation Steps

1. Turn off main power at circuit breaker
2. Test that power is off with voltage tester
3. Remove existing wall plate/device if present
4. Install wall box if not present (minimum 50mm depth)
5. If you want to use PoE option:
    a. Connect PoE cable to RJ-45 Input.
    b. Do not connect AC lines
6. If you don't want to use PoE option:
    a. Connect Line wire (110 - 240V AC) to the terminal marked with "L"
    b. Connect neutral wire to the terminal marked with "N"
    c. Do not connect PoE on RJ45 connector.
7. Connect network cable (if using wired connection)
8. Mount the device base to wall box
9. Verify installation is level and secure

Important Installation Notes

- Do not overtighten mounting screws
- Ensure proper clearance around the device
- Verify all connections before restoring power
- If panel is not flush after installation, check wall box alignment

2. Interface Configuration

2.1 Initial Setup

1. Power on the device
2. Select language and time zone
3. Configure network settings
4. Connect to ULDC system
5. Verify system communication

2.2 ULDC Integration

1. Network Configuration
   - Configure device credentials
   - Test connection status
2. Device Discovery
   - Scan for available ULDCs
   - Add devices to interface
   - Verify device communication
3. Scene Configuration
   - Create lighting scenes
   - Set up schedules
   - Configure automation rules

3. Operation Guidelines

Complete the installation by following the UMWC-X04 Setup Manual steps.

4. Troubleshooting Guide

4.1 Common Issues

1. Display Issues
   - Screen not turning on
     ◦ Check power connection
     ◦ Verify input voltage
     ◦ Check for physical damage
   - Touch not responding
     ◦ Clean screen surface
     ◦ Restart device
     ◦ Check for software updates

2. Network Connection Problems
   - Wi-Fi Connection
     ◦ Verify network credentials
     ◦ Check signal strength
     ◦ Reset network settings
   - Ethernet Issues
     ◦ Check cable connection
     ◦ Verify network settings
     ◦ Test network connectivity
3. ULDC Communication
   - Device Not Found
     ◦ Check network connectivity
     ◦ Confirm device ID
   - Control Not Working
     ◦ Verify device status
     ◦ Test connection stability

4.2 Maintenance

1. Regular Maintenance
   - Clean screen with soft cloth
   - Check connections periodically
   - Update firmware when available
   - Backup configuration data
2. Preventive Measures
   - Keep ventilation clear
   - Avoid direct sunlight
   - Protect from moisture
   - Monitor system logs