# Installation Tips for R29C-L

# Content

# 1. Step-by-Step Instructions

1. Please check the version you got and verify the Integrity of the package.

2. Ensure wiring min. specs are met:

   a. **ONLY power supply support.** If using the 12 vdc power source, Must

   be power conditioned by UPS.

   b. Internet: CAT5e/6 < 328')  to router/switch.

3. Secure the panel by tamper-proof screws.

4. Indoor and outdoor installation are supported.

5. Test door release.

6. Pay attention to the installation environment:

   a. Outdoor: Don't place under direct sunlight.

   b. Indoor: Keep the panel at least 2 meters away from light, and at least

   3 meters away from window and door.

# 2. Guidelines

1. **NO AC POWER.**

2. Confirm network communication from mount point to main headend.

3. For retrofit installations, check existing wiring for the network and power.

4. **Akuvox provides the following:**

   - Smart Intercom
   - Installation kits (Optional)
     - Wall mounting
     - Flush mounting
     - Plasterboard mounting
     - Wall mounting rain cover
     - Flush mounting rain cover

**5. Akuvox does not provide:**

- RF Card

- Cat cable

- UPS device

- Extension cable for power

6. Provide room behind the mounting location for excess wiring.

7. Never introduce two power sources for lock release in parallel.

# 3. Some specifications are recommended

If you choose to use the following accessories, please use formal accessories that meet the certification standards.

**Power Supply** AC to DC adapter

Input: 100-240V AC (mains)

Output: 12V/1A

Locking barrel connector

**Power Cable**

USA: NEMA 5-15 (typical 3-prong male)

IEC320-C13 (to power supply)

EU: CEE 7/4, Type F ("Schuko plug")

IEC320-C5 (to power supply)

**Uninterrupted Power Supply** (UPS)

Minimum specs: 600VA / 300W

# 4. Installation

1. Connect Ethernet to the available ports or use the mobile communication network.
2. Connect the panel's relays to the building's door strike.
3. Connect Panel to Power Supply **OR**> UPS > Wall Outlet.

The Panel will start up like a computer. After loading, you should see the Akuvox software.

# 5. Test Relays

1. In the Dial interface, press "9999"->"Dial key"->"3888"->"OK" to enter the system setting.
2. Press "RFCard"->"Add Card" to add RF Card by putting the which near the RF card reader.
3. Back to home page to place the predefined RF card in RF card reader to unlock.

If successful, you will hear a chime "Welcome, please coming" from the panel and see a message    "Opening door succeeded" on the panel. The door strike (or other connected system) should respond

**Tip**：For more installation details, please refer to the Quick Guide.