Nimbio Installer Field Reference

A condensed on-site quick reference for licensed gate and low-voltage technicians installing a Nimbio cellular access controller. This sheet summarizes the full installation guide at nimbio.com/install/ — refer to that page or call support for complete instructions.

> **We recommend a licensed professional gate or low-voltage technician install this device.** Our support team can also work directly with property owners or their personnel if they prefer to install it themselves. HOA, multifamily, and commercial installs should confirm compliance with local regulations governing gate access before installation.

Pre-Install Checklist

- [ ] Download the Nimbio app from your phone's app store.
- [ ] Confirm the **Install tab** is visible in the Nimbio app. Nimbio customer support unlocks it for installers: if it isn't there, call support at **800-353-3422 (ext. 2)** before arriving on site.
- [ ] Enable **Bluetooth** on your phone — required to connect to the Nimbio hardware.
- [ ] Enable **Location Services**, set to "While Using the App" (iPhone) or "Allow only while using the app" (Android).
- [ ] Consult the Wiring Guides knowledge base for your specific gate operator model. If wire is needed, 24 gauge silicone wire is recommended.

Wiring & Power Quick Facts

POWER

Input voltage: 6.5V–24V AC or DC
Nominal draw: 40–70mA at 24VDC
Peak draw: 2.4 Watts
Draws from the gate operator's existing supply — no separate power run for most installs
Solar and battery-backed gates supported (within 6.5V–24V)

WIRING

Wires in parallel to the existing dry-contact input — nothing is removed
No trenching, no new power run, no operator replacement
Some operators can't reliably power Nimbio straight off the board — use an external power supply on those installs (installer's on-site judgment)
NEMA weatherproof enclosures recommended for legacy Linear and Ghost Controls units

Hardware Spec Quick-Reference

CELLULAR

Pre-installed multi-carrier SIM — connects to AT&T, Verizon, or T-Mobile, whichever is strongest
Cellular LTE only, zero Wi-Fi required
Works internationally too — international customers should contact us to confirm regional network support
External LTE antennas supported for low-signal locations (metal walls, heavy interference)

RELAY

Type: Omron mechanical relay
Rated life: 50,000,000 operations
Contact rating: 1A at 125VAC or 60VDC
Relay On Time: 0.5s, 1.0s, 2.0s, 3.0s (default), 4.0s, 6.0s, 8.0s, or 10s — adjustable in Box Settings

Compatibility: works with virtually any electric gate operator or access brand — LiftMaster, Linear, Ghost Controls, DoorKing (DKS), FAAC Technologies, and others — all with dedicated wiring-diagram tech support. Not sure your gate qualifies? Call 1-800-353-3422 before you install.

Step-by-Step Installation Summary

1. **Pre-installation checklist.** Confirm Nimbio customer support has unlocked your Install tab, the app is installed, and Bluetooth/Location Services are on (see Page 1). Call support before arriving on site if the Install tab is missing.
2. **On-site prep & wiring.** Find your gate operator model in the Wiring Guides knowledge base and wire the controller in parallel to the existing dry-contact input.
3. **Open the app and tap "Install."** Select the nearby device (strongest signal) and tap "Activate."
4. **Enter community & gate owner details.** Community name plus the gate owner's name, phone, and email. Double-check the phone and email — Nimbio cannot activate service without accurate contact information.
5. **Set locations & names.** Drag the pin to the property's main entrance, name the access point (e.g. "Main Gate"), and pinpoint the gate's exact physical location.
6. **Confirm timezone and tap "Program Device."** A "Success" message confirms the configuration saved.
7. **Wait for the test call.** A Nimbio support team member calls within a few minutes to test gate operation. Do not close the panel until this test succeeds.
8. **Mount the enclosure.** After a successful test, fasten the lid and mount the box inside the gate operator housing with antennas pointing straight up for best signal.

> **Need help mid-install?** Tap "Request Call" in the app's Install tab, or call support directly. We provide live phone assistance and wiring diagrams throughout the installation — we do not perform the installation itself.

After You Leave

Nimbio's team contacts the gate owner using the information you provided to finalize their account and activate service. To adjust how long the gate stays open, use Box Settings > Relay On Time in the app (see Page 1 for the available durations).

SUPPORT CONTACT

Phone (installer support / activation issues): 800-353-3422, ext. 2
Phone (general / test-call troubleshooting): 800-353-3422
Full installation guide: nimbio.com/install/
Wiring diagrams & hardware specs: nimbio.com/knowledge-base/nimbio-hardware-specifications/