

GATE OPERATOR ACCESS TECHNOLOGY

1 PREPARE

- Gather required tools and wiring materials.
- Identify the gate operator and locate a 24V DC power source.
- Determine the best placement for The G.O.A.T. device under the operator cover.

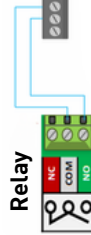
GOAT Enclosure
(Install at height to allow the internal antenna to find signal)



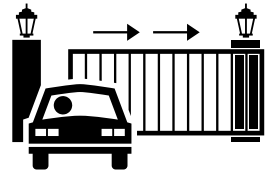
2 TEST

- Connect wires temporarily to the gate operator board.
- Power on the operator and verify The G.O.A.T. is receiving power.
- Test the open command functionality to ensure proper connections.

Gate
Controller



Facility Gates



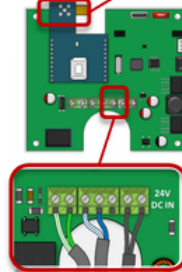
**LIGHTNING PRONE
AREAS MUST USE
SURGE PROTECTION
FOR POWER SUPPLY**

3 INSTALL

Scan the QR code below for The G.O.A.T. installation guide & troubleshooting or visit support.davincilock.com/GOAT-installation



4G Antenna



24V DC IN

(Polarity Protected)

INGRESS PROTECTION



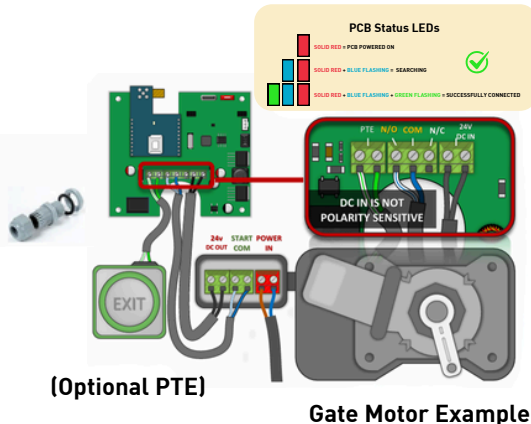
We recommend sealing all entry holes for prevention of insects that can cause issues with a risk of shorting out components.

To maintain the IP55 rating, please follow the sealing instructions included.

WIRING CONNECTIONS

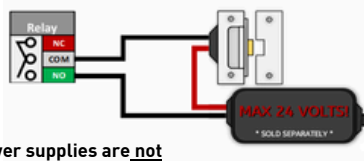


Note: The supplied enclosure is fully sealed. You will need to drill a hole (using a 1/2 inch drill bit) in the wall of the enclosure then secure each half of the supplied cable gland into place to ensure the waterproof seal is intact.



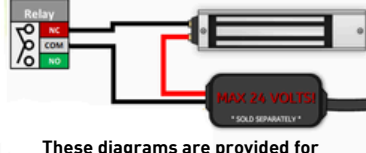
ALTERNATIVE WIRING EXAMPLES

Strike Lock



Lock power supplies are not included as part of the kit.

Magnetic Lock



These diagrams are provided for guidance only. Please refer to the lock wiring instructions before connecting.

POWER CABLE

Tip: Most technical calls received are due to installers using CAT5 or alarm cable to power the unit. **NEITHER** are rated to carry enough power. (1.2 amp peak)

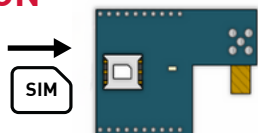
Please use the following cable:

- Up to 2 meters (6 feet) - Use minimum 0.5mm² (18 gauge)
- Up to 4 meters (12 feet) - Use minimum 0.75mm² (16 gauge)
- Up to 8 meters (24 feet) - Use minimum 1.0mm² (14 gauge)

Ensure the power supply is regulated and does not exceed 28 AC/DC.

SIM ORIENTATION

ALWAYS ensure the system is switched **OFF** when adding or removing your SIM card and ensure the orientation is correct.



CONNECTION TO NETWORK



Modem Light Indicator

Quick flashing = Standby | Constant ON/OFF = Searching

