



# Ferni Automatic Swing Gate Operators

CAME's best solution when both power and versatility are needed. Ferni is a sturdy and powerful operator featuring an articulated arm for swing gates with gate leaves of up to 13 feet in length. This unique system enables gate automation when the dimensions of a larger pillar prevent any other operator from being installed. Ferni is available in the 24V D.C. version.



## State-of-the-Art Technology

Ferni's 24V D.C. technology provides specific command and safety features, which are standard in the basic version. However, when cutting-edge technological performance is required in terms of performance and safety, additional control boards are available. For example:

- **Active safety features testing**  
Activates before each gate operation, whether opening or closing.
- **Partial pedestrian opening**  
Allows opening of one gate leaf or limited opening for pedestrian access.
- **Total control of the gate from the transmitter**  
Includes the possibility of immediately stopping movement of the gate leaves.



### Practical and safe.

The gear motor release, protected by the locked door, enables the manual opening of the gate during a power outage.



### Precise, sturdy and dependable.

Features micro-switches for adjusting the opening of the gate leaves and is made of time-tested materials.

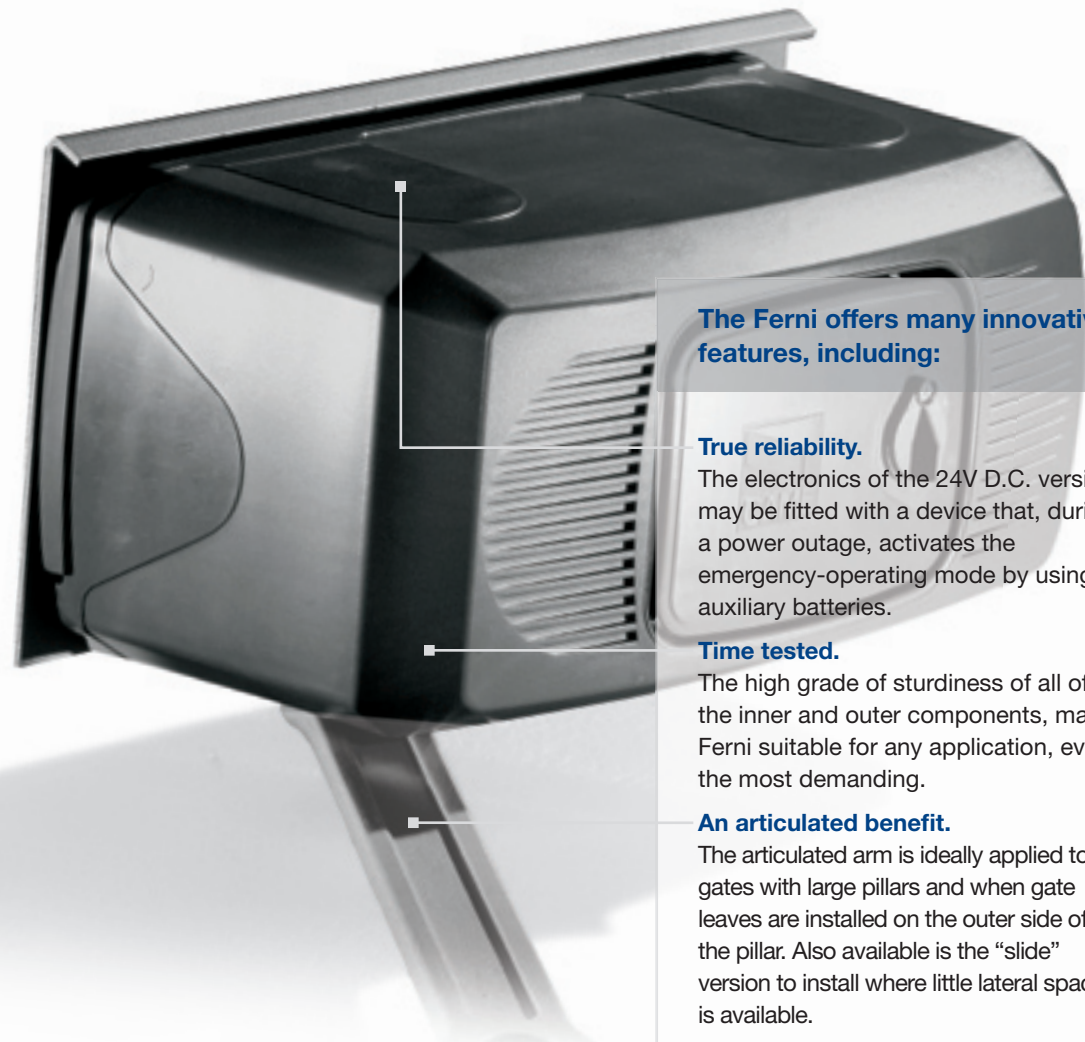


### A great way to get around large sized pillars.

The optimal solution for gates with leaves of up to 13 feet long, mounted on pillars where the motor hinge center distance can be quite large (up to 1.24 feet).

## A universal solution in three models

Ferni is the optimal solution for gates mounted on pillars where the motor-hinge center distance can be quite large. Its unique transmission lever provides a simple and effective solution to the movement issues related to such gates.



### The Ferni offers many innovative features, including:

**True reliability.**  
The electronics of the 24V D.C. version may be fitted with a device that, during a power outage, activates the emergency-operating mode by using auxiliary batteries.

**Time tested.**  
The high grade of sturdiness of all of the inner and outer components, make Ferni suitable for any application, even the most demanding.

**An articulated benefit.**  
The articulated arm is ideally applied to gates with large pillars and when gate leaves are installed on the outer side of the pillar. Also available is the "slide" version to install where little lateral space is available.

## The Advantages of Ferni

The 24V D.C. technology adds increased safety to the installation because it allows for adjustments of run speed, opening and closing deceleration and especially electronic obstacle detection. So, when absolute reliability, in terms of performance and safety, is required, Ferni's 24V D.C. technology enables the operator to reach its full potential with the following:

- **No more blackouts**  
Ferni's 24V D.C. technology automatically detects any interruption of power supply and activates the emergency back-up auxiliary batteries to ensure the gate can still open and close.
- **Intensive use and high-traffic areas**  
The low-voltage motor guarantees functioning even in the demanding applications such as apartment complexes or commercial settings. The operating speed is adjustable allowing a silent and soft closing of the gate leaves.
- **Obstacle detection**  
A special electronic circuit constantly monitors the proper functioning of the gate leaves, and will either stop or invert the movement, in case of any obstacles.

### Sturdy and powerful operator with articulated arm

Ideal system for gate leaves up to 13 feet, which enables gate automation when the dimensions of a pillar prevent any other automated device from being installed.

# Ferni Automatic Swing Gate Operators

clearance of up to 13 ft.



24V D.C. external operator and control panel

001F1024N Self-locking operator complete with articulated transmission arm



002ZLJ24U Control panel for two-leaf swing gates with built-in radio decoder



### Special "slide" arm version available

Another version is available with the special "slide" arm. Ideal to install where little lateral space is available. Only for gate leaves up to 7 feet.



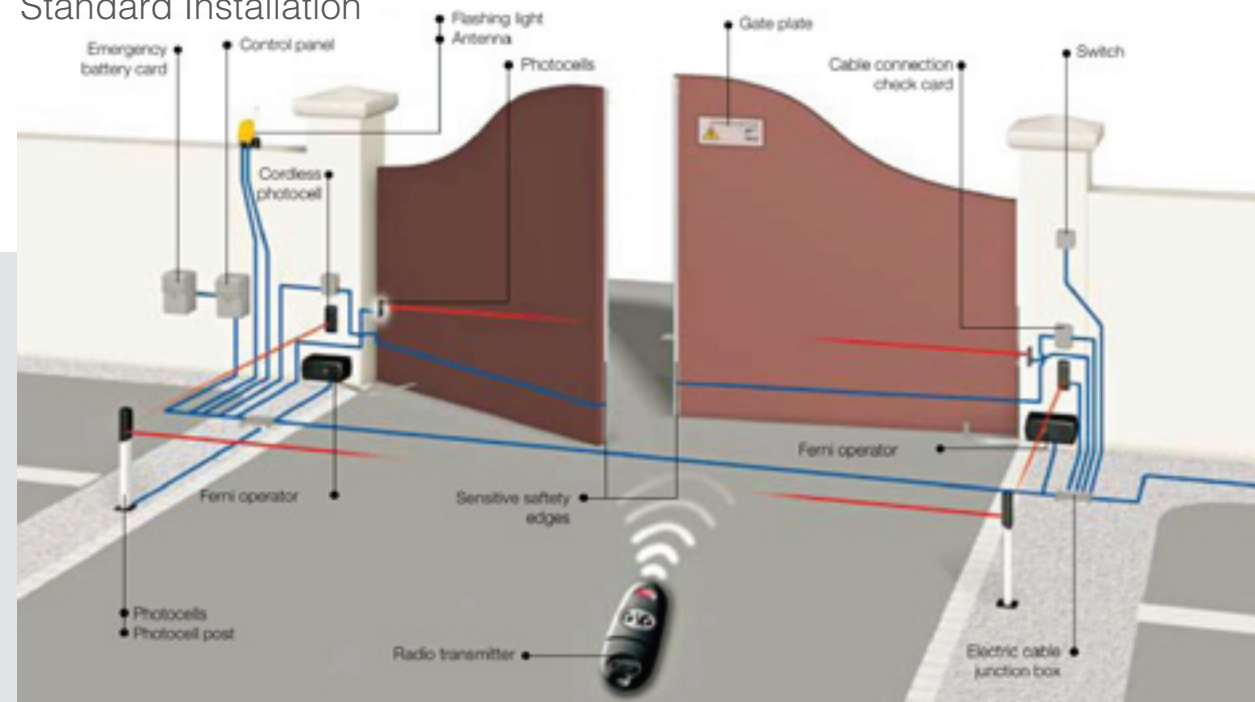
	Product Code	Operator Model (2 included)	Max. leaf (ft.)	Control box with main board	2 Remote Controls 001TOP-432NA	Receiver Card 001AF43S	Photocells 001DIR10	Ext. Antenna 001TOP-A433N	KIARO Flashing Light 001KIARO24N	Battery Back-up Card 002LB180
<b>Basic</b>	<b>KT-SW-FE/A-B4014-1</b>	001F1024N	13	•	•	•				
<b>Professional</b>	<b>KT-SW-FE/A-P4014-1</b>	110F1024N	13	•	•	•	•			
<b>Expert</b>	<b>KT-SW-FE/A-E4014-1</b>	001F1024N	13	•	•	•	•	•	•	•

## Technical features

Type	001F1024N
Protection rating	IP54
Power supply (V) (50/60Hz)	120V A.C.
Motor power supply (V)	24V D.C.
Current draw (A)	15 Max
Power (HP)	1/4
90° opening time (s)	16 - 45
Duty cycle (%)	Intensive use
Thrust (N)	470
Operating temperature (°F)	-4°F up to 131°F

● 24V D.C.

## Standard Installation

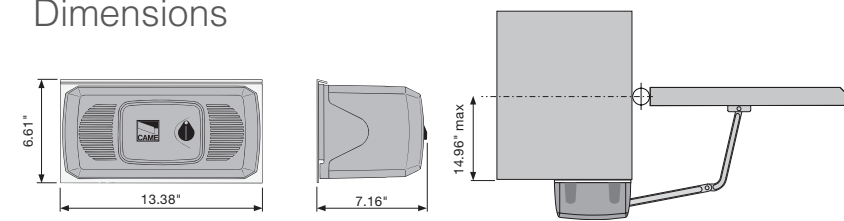


## Accessories

24V

- 002LB180**  
Casing with emergency card, fitted to house three 12V - 7 Ah batteries (for ZL170n and ZL19N control panels)
- 001LOCK81**  
Electric lock with single-cylinder
- 001LOCK82**  
Electric lock with double-cylinder
- 001F1001**  
Straight telescopic transmission arm for up to 6.56 ft. long gate leaves
- 001H3000**  
Safety casing complete with release handle and command button for pull-cord release L = 16.40 ft
- 001AF43S**  
33.92 MHz plug-in radio frequency card
- 001TOP-432NA**  
Bi-channel multi-user remote control. 4,096 self-learning combinations
- 001DIR10**  
Pair of photocells. Range: 32 ft.
- 001TOP-A433N**  
Antenna
- 001KIARO24N**  
Warning flashing light

## Dimensions



## Limits to use

Model	001F1024N
Max width of gate leaf (ft.)	13
Max weight of gate leaf (lb.)	880

● 24V D.C.

**NEW**

New

**24V**

24V D.C. gear motor powered directly from the control panel.