

avidsen



HELPLINE



WARRANTY

OREA CONNECT MOTOR DRIVE

For sliding gates
Ref. 114465



24 V



SLIDING GATES



8 m



500 kg



CONNECTED



SOLAR
OPTION



BACKUP
BATTERY OPTION

MOTORISE YOUR SLIDING GATE WITH THE OREA CONNECT MOTOR DRIVE

This motor drive is suitable for all wooden, steel, aluminium and PVC sliding gates, solid or openwork. For greater safety, this motor drive includes deceleration at end of opening and closing cycles as well as obstacle detection. It is also connected via the included module; it can be opened using the Avidsen Home app as well as from Google Home and Amazon Alexa voice assistants. A position sensor enables you to remotely check that the gate is closed.



24 V

Motor voltage



8 m

Gate dimensions and weight



500 kg



Compatible with all kinds of gate (PVC, aluminium, openwork wood or steel)



CONNECTED

Compatible with Avidsen Home Option to control your motor drive via a smartphone



SOLAR OPTION



BACKUP BATTERY OPTION



PRODUCT BENEFITS

- Opening to the right or to the left
- Progressive start and end cycle deceleration (soft open and close)
- Adjustable force, speed and acceleration
- Manual unlocking of the motor using a key
- Automatic (after time delay) or semi-automatic closing (the gate can be closed by pressing the remote control)
- Pedestrian access: partial opening of the gate
- Automatic stop on encountering an obstacle and reverse action
- Gate opens and closes using the Avidsen Home app as well as Google Home and Amazon Alexa voice assistants (requires a WiFi connection and an Internet subscription)
- The position sensor enables you to remotely check that the gate is closed

Works with the app



avidsen Home



Works with voice assistants



KIT CONTENTS

- 1 x 24 VDC motor with integrated electronics
- 8 x 50 cm nylon racks (4 m)
- 2 x 4-button remote controls
- 1 flashing light
- 1 set of photocells
- 1 x Avidsen Home Gate connected module with pre-wired position sensor



TECHNICAL FEATURES



GEARED MOTOR

Type	Motor drive + in-built electronic control
Contents	24 V motor, mechanical reducer, control electronics
Power supply	230 VAC or 24 VDC
Max. power	250 W
Max. force	300 N
Assigned operating duration	10 minutes
Maximum number of cycles/hour	10
Flashing light output	24 V for LED light
Photocell output	3 pairs max in 24 V
Photocell input	Input for dry contact that is normally closed
Gate command input	Input for dry contact that is normally open
Partial command input (pedestrian)	Input for dry contact that is normally open
Emergency stop input	Input for dry contact that is normally closed
Operating temperature	-20°C / +60°C
Protection rating	IP44
Number of remote controls that can be memorised	20 with 1 gate command button and 1 pedestrian command button

FLASHING LIGHT

Type	LED lighting 4 W max Flashing controlled by the electronic card
Power supply	Max supply voltage: 24 VDC
Operating temperature	-20°C / +60°C
Protection rating	IP44

PHOTOCELLS

Type	Modular infrared beam presence detector. D type safety system according to EN 12453
Contents	1 TX transmitter and 1 RX receiver
Power supply	12 VDC, 12 VAC, 24 VDC, 24 VAC
Maximum assigned power	0.7 W for the pair
Output	- 1 output with normally closed dry contact (COM/NC) - 1 output with normally open dry contact (COM/NO)
Transmission angle / Reception angle	10° approx. / 10° approx.
Range	15 m maximum (range may be reduced due to weather disruption)
Number of connectable photocells	It is possible to connect up to 5 RX receivers in a series
Operating temperature	-20°C / +60°C
Protection rating	IP44

REMOTE CONTROL

Type	Type: AM On/Off Keying (OOK) modulation. 16-bit Rolling code encoder (i.e. 65,536 possible combinations)
Frequency	433.92 MHz
Power supply	3 V (CR2032 battery)
Keys	4 keys
Radiated power	< 10 mW
Battery life	2 years at a rate of 10 x 2 s uses per day
Operating temperature	-20°C / +60°C
Protection rating	IP40 (For indoor use only: home, car or sheltered location)

WIFI RECEIVER MODULE

Max. power	200 W
Features	Opens gates and garage doors
Connection	Wired 1 output
Cable cross-section	Up to 1.5 mm ²
Use	Indoors and outdoors
Operating T°	-10°C / +50°C
Storage T°	-20°C / +70°C
Power supply	230 VAC/50 Hz
Average consumption	< 1 W
Position sensor	5 m cable, Maximum distance between sensors: 10 mm
Installation	Close to gate or garage door
Colour	White
Protection rating	IP20

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