

Professional Tubular Motor Controller *for Awning, Rolling Blind and rolling Shutter*

- Tubular Motor Controller
- Door Automation Controller
- Wireless Transmitter
- Receiver Modules

Internal RF Control with Electric Limit Setting



Dimension : 97.5*27.5*21.5mm

The control board can detect the rotation of the tubular motor. The upper and lower limit of the motor could be set easily with the transmitter. Transformer, relay and PCB material are UL/CE compliant.

► Tubular Motor Controller

Door Automation Controller

Wireless Transmitter

Receiver Modules

VG-IRC-1

Frequency : 433.92MHz (868.35MHz available soon)

Operation temperature : -25 to 85 degree Celsius

Input Voltage : 110V/60Hz - 230V/50Hz

Power consumption : 0.5W

Single motor control or Group control selectable, control up to 10 motors.

Upper/Lower limit, up/down position fine-tune and rotation direction can be easily set by transmitter.

Automatic power cut-off protection when the rotation of motor is hindered.

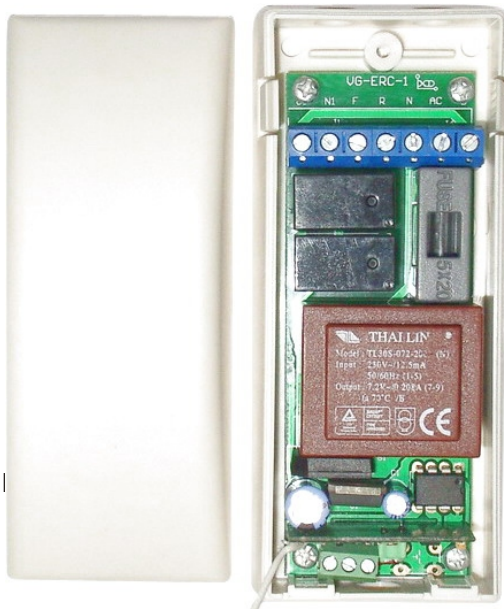
Fuzzy logic design to ensure accurate limit setting. (Less than 1mm tolerance after 3000 cycles.)

Max Loading power: 750W (can be changed according to customer requirement).

Can be used in tubular motor larger or equal to diameter 25mm.

(All controls are custom to customer needs; actual product maybe different from the picture shown)

External Remote Control Board



Dimension : 95.5*35.5*25mm

*The control board approval CE certification
and RHos certification .*

Address: DongFeng, ZhongShan, GuangDong, PRC
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- ▶ **Tubular Motor Controller**
- Door Automation Controller
- Wireless Transmitter
- Receiver Modules

VG-ERC-1

Frequency : 433.92MHz (868.35MHz available soon)

Operation temperature : -25 to 85 degree Celsius

Input Voltage : 110V/60Hz - 230V/50Hz

Power consumption : 1.1W

Single motor control or Group control selectable, control up to 10 motors.

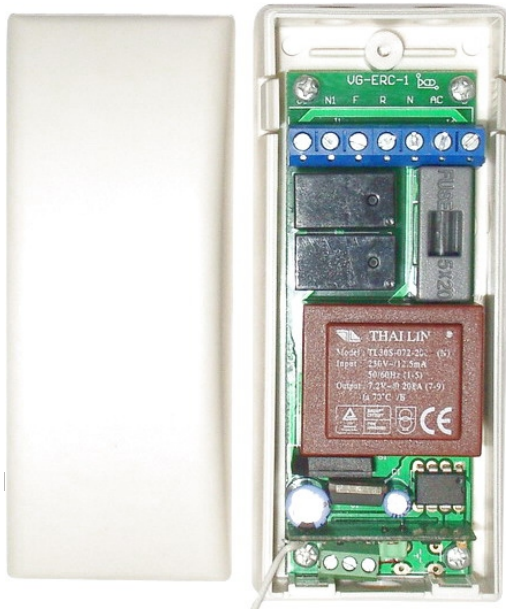
Can be control by cable with SPDT switch or wireless transmitter.

Suitable for tubular motor with mechanical limit switch.

Max Loading power: 750W

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from the picture shown)*

Rolling Shutter Control Board



Dimension : 95.5*35.5*25mm

The control board approval CE certification and RHos certification .

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Tubular Motor Controller

► **Door Automation Controller**

Wireless Transmitter

Receiver Modules

VG-DRC-1

Frequency : 433.92MHz (868.35MHz available soon)

Operation temperature : -25 to 85 degree Celsius

Input Voltage : 110V/60Hz - 230V/50Hz

Power consumption : 1.1W

Can learn up to 32 transmitter codes.

Automatic power cut-off after 90 seconds operation.

Momentary or Latch control mode selectable.

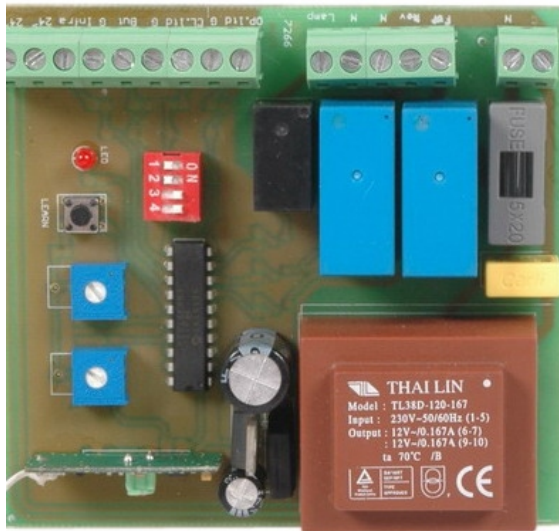
Can be control by keypad or wireless transmitter.

Suitable for rolling shutter. .

Max Loading power: 750W

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Swing Gate Control Board



Dimension : 98*92*32mm

The control board approval CE certification and RHos certification .

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Tubular Motor Controller

► **Door Automation Controller**

Wireless Transmitter

Receiver Modules

VG-DRC-2

Frequency : 433.92MHz (868.35MHz available soon)

Operation temperature : -25 to 85 degree Celsius

Input Voltage : 110V/60Hz - 230V/50Hz

Power consumption : 1.8W

Can learn up to 32 transmitter codes.

Run time and Pause time can be adjust by trimmer.

Manual or Automatic closing selectable.

Photocell function set by dip-switch.

Mechanical limited setting set by dip-switch.

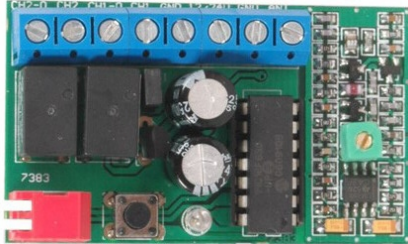
Can be control by keypad or wireless transmitter.

Be fit for Garage Door/Sliding Gate/Swing gate/Rolling Shutter etc.

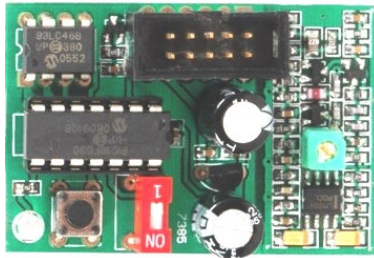
Max Loading power: 2000W

(All controls are custom to customer needs; actual product maybe different from the picture shown)

Barrier or External Control Board



Dimension : 58*34*16mm



Dimension : 50*34*16mm

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and RHos certification .*

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Tubular Motor Controller

► **Door Automation Controller**

Wireless Transmitter

Receiver Modules

VG-DRC-3

Frequency : 433.92MHz (868.35MHz available soon)

Operation temperature : -25 to 85 degree Celsius

Input Voltage : 12V/24V AC/DC selectable

Power consumption : 0.3W

Can learn up to 200 transmitter codes.

Momentary or Latch mode selectable.

0/1/2 relay output control selectable.

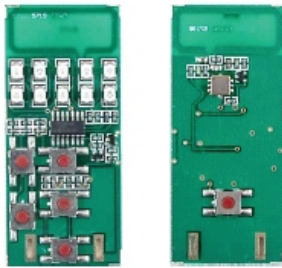
Be fit for barrier etc.

*(All controls are custom to customer needs; actual product maybe different
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Wireless Transmitter



Dimension:50.0x30.0x10.5mm



Dimension:68.5x30.0x7mm

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Tubular Motor Controller
Door Automation Controller

► Wireless Transmitter

Receiver Modules

VG-TR-1

Frequency : 433.92MHz (868.35MHz available soon)

PT-2240 encoder mode or Microchip Keeloq encoder mode selectable.

Current Consumption : 8mA

Use 1 pc of 12V(27A) battery.

Compliant with Europe I-ETS 300-220 and UL FCC 15/C)

VG-TR-G1

Frequency : 433.92MHz (868.35MHz available soon)

Control up to 10 receiver boards.

Single motor control / Group motor control selectable.

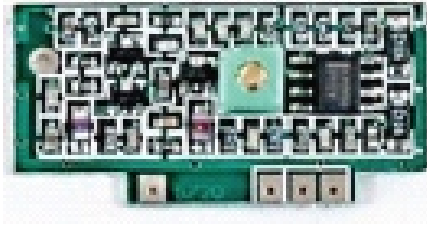
Current Consumption : 10mA

Use 2 pcs of 1.5V AAA battery.

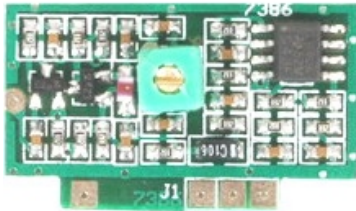
Compliant with Europe I-ETS 300-220 and UL FCC 15/C)

*(All controls are custom to customer needs; actual product maybe different
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RF Models



Dimension:34.0x18.0x5.5mm



Dimension:30x18x5.5mm

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Tubular Motor Controller
Door Automation Controller
Wireless Transmitter

► Receiver Modules

VG-MR-1

Frequency : 433.92MHz (868.35MHz available soon)

Receive Type : Super-Regenerative

Sensitivity : -106dBm

Supply Voltage & Current : DC 5V 5mA

VG-MR-2

Frequency : 433.92MHz (868.35MHz available soon)

Receive Type : Super-Regenerative

Sensitivity : -100dBm

Supply Voltage & Current : DC 5V 5mA

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from the picture shown)*