

**KM-6001**

**AUTOMATIC SWING DOOR OPERATOR**



## KM-6001 AUTOMATIC SWING DOOR

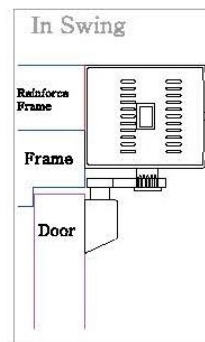
### Features:

- With BLDC motor: High energy efficiency, constant power, low noise, eco-friendly
- 32-bit New Micro-process controller: Feature-rich
- Firefighting function: Fire terminal built-in (UPS Option)
- Simple Installation: separated bottom plate and operator make it easy to install
- Master and slave function for double door
- Interlock function
- Toggle function
- Mode Switch (Program switch) applied
- Upper sensor can be attached to the opening direction

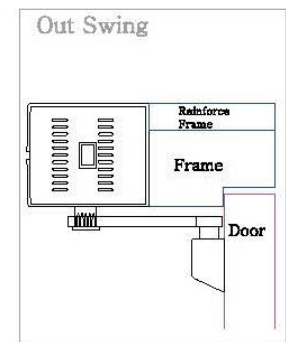
### ◆ Specification

Model	KM-6001
Operator weight	6.5kg
Operator size	543 x 96 x 81 (mm)
Power	AC 220V
Door weight	Max. 100kg
Door width	Min. 660mm / Max. 1350mm
Angle	120°

### ◆ In Swing



### ◆ Out Swing



	DESCRIPTION
	1. Brand : KIMMATIC 2. Model : KM-6001 3. Code : KM-6001 4. Size : .. 5. Material : 6. Color :
	<b>SOURCE</b> Ruel E. Gojar First Top Building Materials LLC P.O. Box 35979, Warehouse 73, Gate No. 2, Al Jaddaf Drydocks, Dubai, UAE Tel. No. 042858298 Mobile No. 052-8842919 ruel@kimmatic.ae



### KM-INFRA (Active Infrared Sensor)

#### Features:

1. It can detect the moving person or objects.
2. The quantity of detecting parts can be selected to suit different width of door wings.

#### Technical Data:

- |                    |   |                     |
|--------------------|---|---------------------|
| 1. Power Supply    | : | AC/DC 12-36V        |
| 2. Detecting Range | : | 1.5-2.5M            |
| 3. Detecting parts | : | 1 piece or 2 pieces |
| 4. Dimension       | : | 720mm x 37.8mm      |

DESCRIPTION	
	1. Brand : KIMMATIC
	2. Model : Active Infrared Sensor
	3. Code : KM-INFRA
	4. Size : 720mm x 37.8mm
	5. Material :
	6. Color :
Source	
Ruel Gojar First Top Building Materials LLC P.O Box 35979, Warehouse 73, Gate No. 2 Al Jaddaf Drydocks, Duabai, UAE T: 04-2858298 F: 04-2854594 <a href="mailto:ruel@kimmatic.ae">ruel@kimmatic.ae</a>	



## KM-Micro (Microwave Sensor)

### Features:

1. Germany innocent detecting chip, 24.125Ghz..
2. The detecting chip can be adjusted easily by special part.
3. Electric filler provide good capacity of resisting disturbance from raining, wind, lightning and so on.

### Technical Data:

1. Power Supply : AC12-24V +/- 10%; DC 12-36V
2. Mounting Height : Max 3.5M
3. Relay Output : No
4. Wave Form : 24.125Ghz
5. Dimension : 121mm x 42mm

DESCRIPTION	
	1. Brand : KIMMATIC
	2. Model : Microwave Sensor
	3. Code : KM-Micro
	4. Size : 121mm x 42mm
	5. Material :
	6. Color :
Source	
Ruel Gojar First Top Building Materials LLC P.O Box 35979, Warehouse 73, Gate No. 2 Al Jaddaf Drydocks, Duabai, UAE T: 04-2858298 F: 04-2854594 <a href="mailto:ruel@kimmatic.ae">ruel@kimmatic.ae</a>	

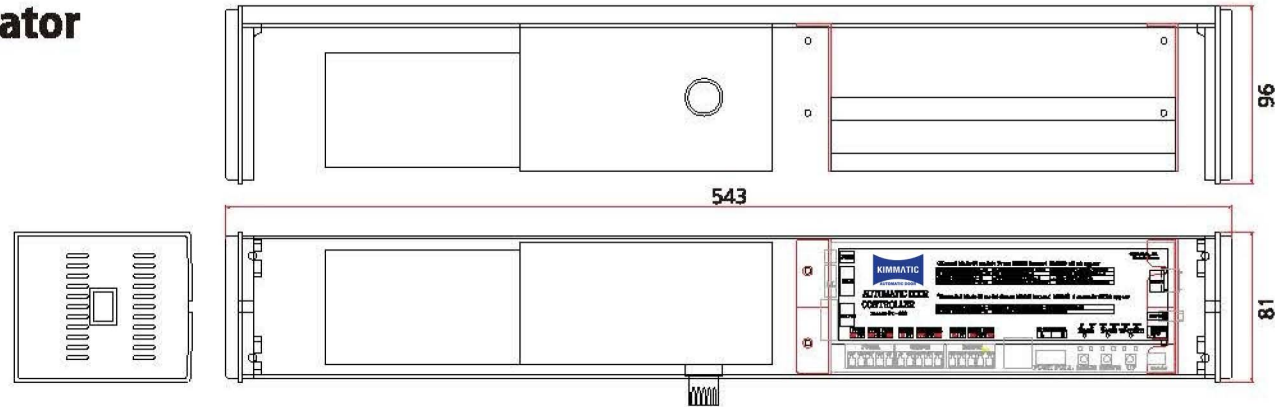




# Automatic swing door operator

**KM-6001**

## ◆ Operator



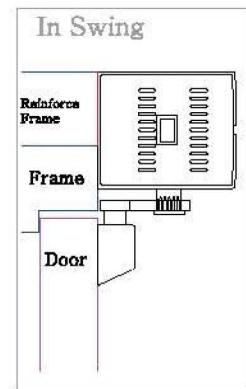
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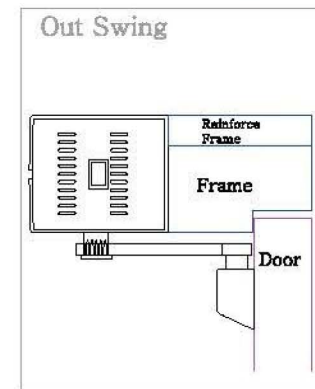
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- 32bit New Micro-process Controller: Feature-rich
- Firefighting function: Fire terminal built-in (UPS option)
- Simple installation: separated Bottom plate and operator make it easy to install

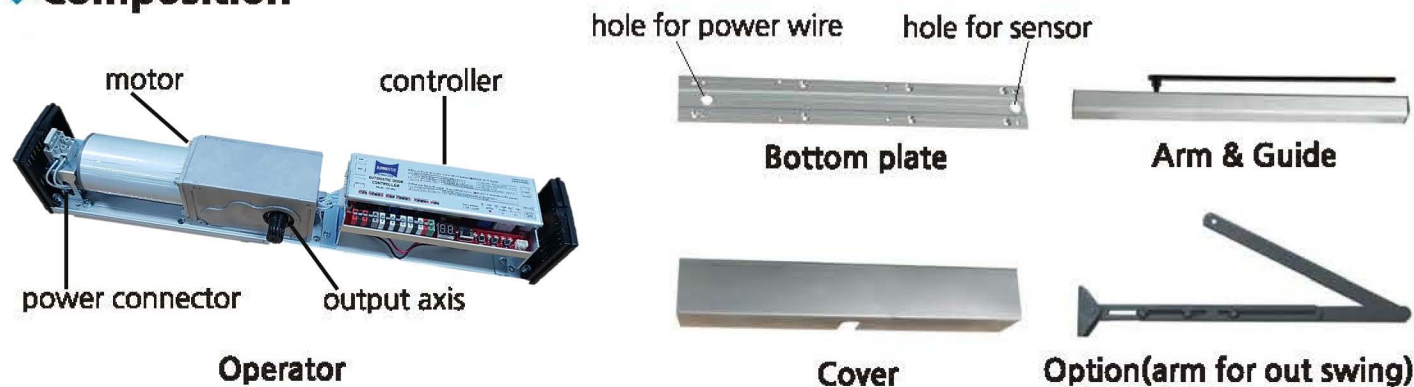
## ◆ In Swing



## ◆ Out Swing

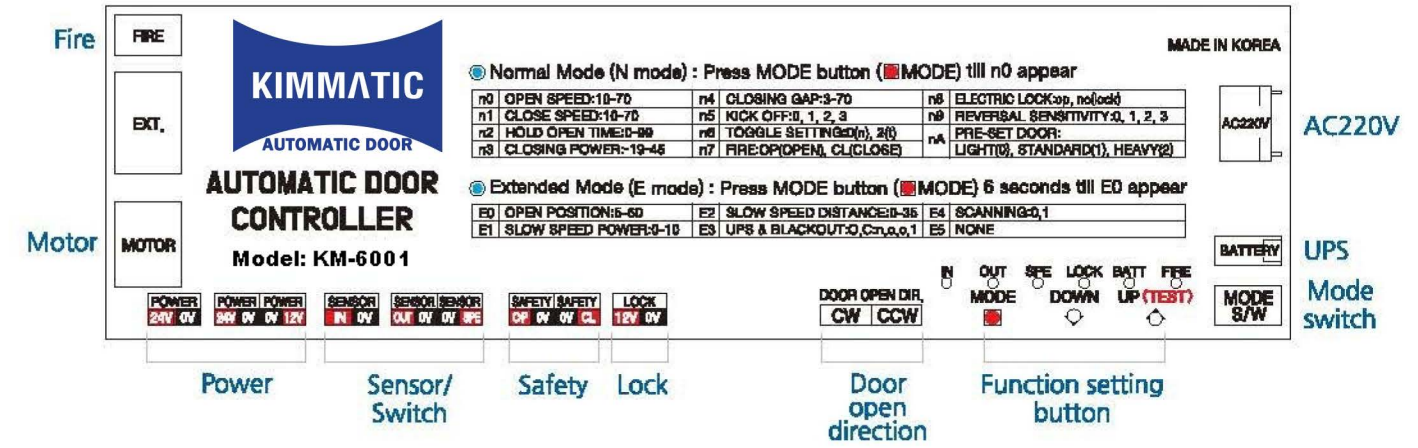


## ◆ Composition



# Controller Manual

## ◆ Composition of controller



## ◆ Manual

### - Normal Mode setting

- If you press and hold Mode SW, "n0" is appeared and setting mode is prepared.
- If you press Mode SW again after finishing changing value through Up/Down key, setting mode is moved "n1".
- You can save value and finish setting through pressing and holding Mode SW.

### - Extended Mode setting

- If you press and hold SW continuously after n0 is appeared, E0 is appeared.
- If you press Mode SW again after changing value through Up/Down key, setting mode is moved "E1".
- You can save value and finish setting mode through pressing and holding Mode SW.

### - Initialization setting

- All of setting value are initialized with "-" on FND through pressing and holding Down key.

### Normal Mode>

- n0. Open speed(60) 10~70
- n1. Close speed(30) 10~70
- n2. Hold open time(2) 0~99
- n3. Closing power(10) -19~45
- n4. Closing gap(10)3~70
- n5. Kick Off(0) 0, 1, 2, 3
- n6. Toggle setting(0) 0, 1, 2, 3
- n7. Fire(OP) OP, CL
- n8. Electric lock(OP) OP, no, nc
- n9. Reversal sensitivity(1) 0,1,2,3
- na. Pre-set door(1) 0, 1, 2

### Extended Mode>

- E0. Open position(30) 5~60
- E1. Slow speed power(4) 0~10
- E2. Slow speed distance(3) 0~35
- E3. UPS & Blackout(O.o)  
Front: operation on UPS discharge  
-> o opening, c closing  
Back: operation on electric power discharge  
-> n none, o opening, c closing, 1: same operation on UPS discharge
- E4. Initialization operation on electric power turn on(0) 0, 1