

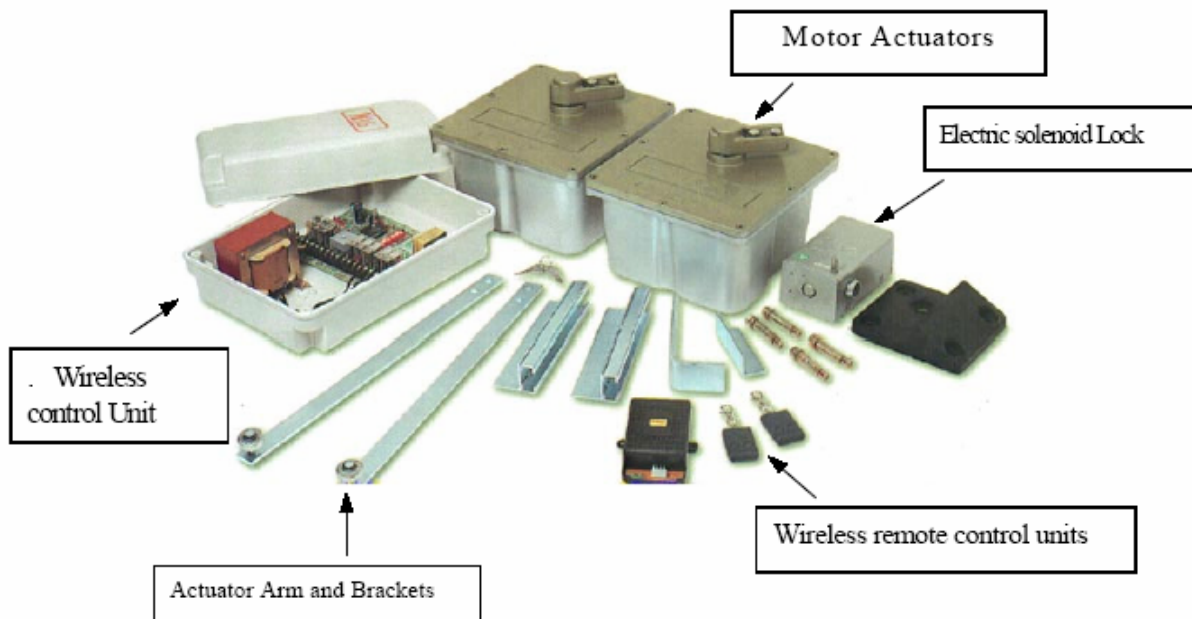
# AUTOMATIC SWING GATE SYSTEM



**A typical swing gate installation**

Established since 1980, Sin Chew Alarm is one of the leading suppliers/installers of automatic swing and sliding gates. Our systems design can be tailored to meet every need you may have, either using your existing gate or even provide you with a new one.

Our design ensures smooth and reliable operation at all times. All our components are field tested to meet the highest standards. Besides, we also provide full emergency back up service should any problem arise.



## MAIN COMPONENTS OF A SWING GATE SYSTEM

- |                                  |         |
|----------------------------------|---------|
| 1. Motor Actuators               | 2 units |
| 2. Wireless control Unit         | 1 unit  |
| 3. Actuator Arm and Brackets     | 1 set   |
| 4. Electric solenoid Lock        | 1 unit  |
| 5. Wireless remote control units | 2 units |

\* Due to continuous product enhancement, Sin Chew Alarm reserves the right to change / modify specification without prior notice.

# AUTOMATIC SWING GATE SYSEM

## TECHNICAL SPECIFICATIONS

ACTUATOR	CONTROL UNIT
<ul style="list-style-type: none"> <li>A rotary drive unit complete with D.C. motor and electro-mechanical clutch system housed in a water and rust proof alloy casing</li> <li>Voltage rating : 15 – 24 VDC</li> <li>Power consumption : 25 W per actuator</li> <li>Max. door leaf weight : 200 Kg</li> <li>Max. leaf opening angle : 360 degree</li> <li>Thrust force : 0 to 60 Kg</li> <li>Angular speed : 12 – 15 degree / second</li> <li>Closing speed : 8 – 10 seconds (for a 90 degree turn)</li> <li>Dimensions: 240 x 240 x 140 (mm)</li> </ul>	<ul style="list-style-type: none"> <li>Uses advanced solid state micro-processor integrated circuit encased in an all weather resistant casing</li> <li>Power supply : 230 VAC / 13 amps</li> <li>Incorporates timer which provide adjustable control sequences of motor actuator's operation</li> <li>Dimensions : 310 x 250 x 130 (mm)</li> </ul>
	<b>ACTUATOR ARM &amp; BRACKET</b>
	<ul style="list-style-type: none"> <li>Solid nickel-chrome plated iron</li> <li>Dimensions : 57 x 25 x 5 (mm)</li> </ul>
	<b>WIRELESS REMOTE CONTROL TRANSMITTER</b>
	<ul style="list-style-type: none"> <li>Battery operated using approved citizen frequency band of 27.14 Mhz</li> <li>Range is 30 metres effective and 50 metres maximum</li> <li>Uses single 9 V battery which can last up to six months</li> <li>Dimensions : 97 x 56 x 22 (mm)</li> </ul>
<b>SOLENOID LOCK</b>	
<ul style="list-style-type: none"> <li>Operating voltage is 24 VDC</li> <li>Locking stopper is made of solid mild steel coated with hard PVC</li> <li>Key operated cam-lock enable manual override in case of power failure</li> <li>Dimensions : 140 x 80 x 70 (mm)</li> </ul>	

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