



Features

- Normal-speed to open/close: 2~6 sec. adjustable
- Octagonal straight arm with rubber bar, length following (or Max. 19.7' ft round arm):
 - 2 sec./Max. 13.1' ft arm
 - 3 sec. /Max. 13.1' ft arm with swing-off
 - 3 sec. /Max. 16.4' ft arm w/o swing-off
 - 6 sec. /Max. 19.7' ft arm w/o swing-off
- Includes of arm x1, swing-off, remote x2, air switch x1, push button x1 to open/close barrier
- Boom bracket, swing-off and LED Bar are sold separately
- Housing color optional: yellow(default)/orange/white/red/blue
- Arm direction can be changed to left or right swing without changing parts
- Smartphone control barrier via APP (Optional; SDK can be provided)
- Monitor barrier via PC with TCP/IP interface (Optional)
- Maintenance-free DC brushless servo motor with 100% duty cycle and 10 million MTBF
- PWM variable frequency servo controller ensures smooth movement of boom
- Automatically detect and report error
- Swing-off for safety of both boom and vehicle (Optional)
- Alarm when boom swing-off (Optional)
- Safety of Vehicle: Boom Auto-reversing on Obstacle
- Safety of Vehicle: Anti-hit by Loop Detector or Photocell (Optional)
- Automatically close after the given time (programmable)
- Arm automatically open in case of power off (Optional)

Specifications

GATE FEATURE	
Power Supply	AC 85~264V, 50~60HZ, 50W
Motor	50W DC-24V brushless servo torque motor 10 million MTBF, 100% duty cycle
Remote (Optional)	Distance > 65.6' ft
Spring	1~3 pcs. spring balance
Controller	80C51 MCU, 20MHz, PWM variable frequency servo controller board
Loop Detector Input	pulse width 100> ms
IR Detector Input	pulse width 100> ms
Up & Down Input	pulse width 100> ms
Traffic Light Output	AC220V output power (passive), current Max. 3A/AC220V
Loop Detector Syn. Output	Relay NO output,; Current Max.0.5A/AC220V, or Max. 1A/DC12V
RS485 Interface	9600bps, ASCII decimal encoded
Arm	1.8" x 3.9" in. aluminum alloy octagonal arm with rubber bar, Max. 19.7' ft Round arm with foam, Max. 11.5' ft
Housing	6.6' ftm cold-roller sheet, IP54
Housing Size (HxWxD)	950×320×329mm / 37.4" x 12.5" x 12.9" (in.)
Package Size	1100×480×430mm / 37.4" x 12.5" x 12.9" (in.)
Gross Weight	~ 46kg / 101lb
Operating Temperature	-30°C to 55°C / -22°F to 131°F
Humidity	10%-95%