

Nice

# Swing Gate Operator 3501

Blue  
BUS



12  
VOLT

## Articulating arm for Residential/Farm/Ranch Swing Gates

- Easy to install and low maintenance
- 12VDC battery powered
- Perfect for AC or Solar applications\*
- Up to 1,000 lb and 20 ft gate leaf
- Single or dual gate applications\*\*
- Low profile post mount design allows for compact installation
- Durable, corrosion resistant enclosure
- The offset pivot arm is designed to reduce the possibility of pinching.

\* **Battery required for operation, not included**

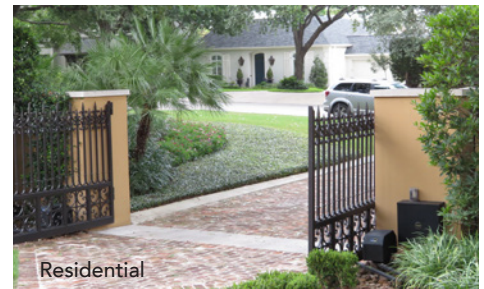
\*\* Secondary drive chassis and arm kit required for dual operation - Part# 35-2



**3501:** 1050US Board, CBOX, ABOX35 arm

Model	3501
Control Board	1050US
Receiver/Antenna	OXI/A receiver and ABF/A antenna kit

- Features**
- Simple to install and configure
  - Supports up to 1,000 Inti or Era One remotes with rolling-code security
  - Nice BlueBUS 2-wire technology self-identifies monitored photo eyes
  - Full featured controller configures over 100 different parameters
  - LCD display for detailed user feedback
  - Internal 7 day programmable timer
  - Surge protection
  - Smart battery charging management
  - UL325 Class I, II



1-800-226-0178 • [www.niceforyou.us](http://www.niceforyou.us) | 1-800-321-9947 • [www.hysecurity.com](http://www.hysecurity.com)

Manufacturer of ultra-reliable rural/ranch, residential, commercial, solar, and parking gate operators and accessories.

# Residential, Farm, Ranch

Nice Group USA is a U.S. leader in low voltage automated gate systems, with solar power options. We offer a wide range of automation systems for swing gates, sliding gates and road barriers for residential, commercial and industrial applications.



Swing Gate Operator

Models	3501
Operator Kit	CHBOX1050 control box, CH35 drive chassis, ABOX35 arm kit
Duty Cycle	Varies based on charging capacity*
Gate Specs	up to 20 ft, 1,000 lb leaf (6 m, 272 kg)
Open/Close Time (to 90°)	12 - 20 seconds Slowdown positions adjustable
Temperature Rating	-40° to 150° F (-40° to 65° C)
Operating Voltage	12VDC
Input Voltage	12 - 30VDC
Idle Current	10 mA
Accessory Power	12VDC and 24VDC 1A each
User Controls	1050US board
Relays	4 relay outputs
Arm Dimensions	ABOX35: Primary: 36 inches total length; Secondary: 38.5 inches total length
Enclosure	CBOX: Type 3R, 18w x 18h x 8d inch (45.7w x 45.7h x 20.3d cm) Chassis: Type 34, 17.8w x 12h x 8.3d inch (45.2w x 30.5h x 21d cm)
Finish	Black powder coat
Listed to UL325	Usage Class I, II
Warranty	2 year

\* Actual battery backed up cycles will depend on gate resistance to travel, cycle length, battery health, ambient temperature, accessory power draw and frequency of gate cycles during power outage.

To enable fully automatic operation, the 3501 gate operators require a MINIMUM of one external entrapment protection sensor to monitor potential entrapment zones in either the open or close direction of travel. Visit [www.hysecurity.com/gatesafety](http://www.hysecurity.com/gatesafety) for more information on UL 325 standards and gate safety.

Nice recommends a 30-35Ah battery for AC applications and a 70Ah battery for solar applications.

## Optional Accessories for 3501



EPMB/A  
EPMOB/A  
EPLOB/A  
Photoeye Kits



EDSWG/A  
Keypad



OVIEW/A



Inti 2-channel  
transmitter



Era One 2 or  
4 channel  
transmitter



Solar panels



Battery Charger

**SYSTEM DESIGN SUPPORT:** Contact Nice/HySecurity for CAD drawings, tech manuals, help with custom site requirements or other specifications support. Call to speak with a Nice/HySecurity representative today.

**VISIT [WWW.NICEFORYOU.US](http://WWW.NICEFORYOU.US) or [WWW.HYSECURITY.COM](http://WWW.HYSECURITY.COM)** for specifications, installation manuals, wiring diagrams, parts diagrams, image gallery, videos, training and much more.

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