

# Residential



# TITAN12L/12L1 LA



12 Volt



Blue BUS

## Swing Gate Operator

## Next Generation Linear Actuator for Residential/Farm/Ranch Swing Gates

- Easy to install and low maintenance
- Keyed manual operation
- Perfect for AC or Solar applications\*
- Single or dual gate applications
- Convenient access to limit switch adjustment, secured under locking cover
- Engineered for quiet operation and smooth start and stop control
- Modular design with simple field replaceable components
- Compatible with mounting geometry of Nice 1500 series actuators



**TITAN12L1** : 1050US Board, CBOX, 912L-1 arm, OXI/A receiver

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



### 936 Control Board for TITAN12L

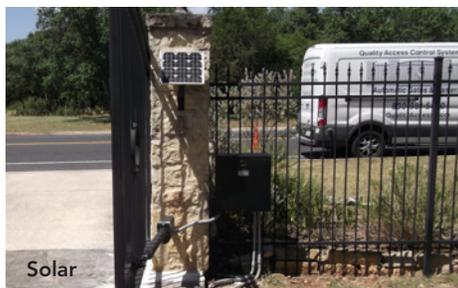
- Simple to install and configure
- Supports up to 1,000 Inti or Era One remotes with rolling-code security
- Nice BlueBUS 2-wire technology self-identifies monitored photo eyes
- Low power consumption - longer battery life in solar applications
- Smart battery charging management



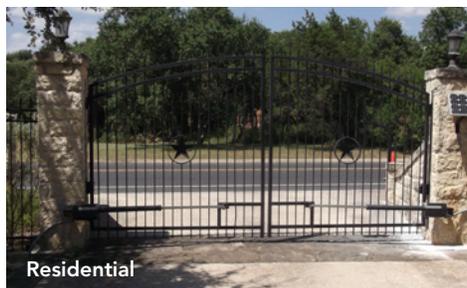
### Advanced 1050 Control Board for TITAN12L1

#### All features of 936 board PLUS:

- Full featured controller configures over 100 different parameters
- LCD display for detailed user feedback
- Internal 7 day programmable timer
- Surge protection
- Built in solar regulator and charger



Solar



Residential



Farm / Ranch



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

## TITAN12L/12L1 Models, AC or Solar

Models	TITAN12L	TITAN12L1
<b>Operator Kit</b>	Single: CBOX936 and 912L-1 Twin: CBOX936, 912L-1 and 912L-2	Single: CBOX1050 and 912L-1 Twin: CBOX1050, 912L-1 and 912L-2
<b>Duty Cycle</b>	Varies based on charging capacity*	
<b>Drive</b>	Electromechanical	
<b>Gate Specs</b>	up to 600 lb for a 20 ft leaf (272 kg for 6 m) up to 1000 lb for a 8 ft leaf (453 kg for 2.4 m)	
<b>Open/Close Time (to 90°)</b>	14 - 16 seconds Slowdown positions adjustable	Open/Close speed set independently. Adjustable 14 - 16 seconds
<b>Temperature Rating</b>	-4° to 122° F (-20° to 50° C)	
<b>Operating Voltage</b>	12VDC	
<b>Input Voltage</b>	12 - 30VDC	
<b>Idle Current</b>	10 mA	
<b>Accessory Power</b>	12VDC and 24VDC 1A each	
<b>User Controls</b>	936US board	1050US board
<b>Relays</b>	2 relay outputs	2 programmable relays
<b>Actuator Dimensions</b>	912L: 42 retracted - 71 extended (107 - 180.3 cm)	
<b>Enclosure</b>	CBOX: Type 3R, 18w x 18h x 8d inch (46w x 46h x 20.3d cm)	
<b>Finish</b>	Black powder coat	
<b>Listed to UL 325</b>	Usage Class I, II	
<b>Warranty</b>	2 year	



Manual release



Set the limits



Easily replaceable field service modules

\* Actual UPS cycles depend on accessory power draw, frequency of cycles, battery health, ambient temperature and other conditions. Battery and battery charger or solar panel required or operation, not included. Nice recommends a 30-35Ah battery for AC applications and a 70Ah battery for solar applications. For more information on solar applications see [www.hysecurity.com/solar](http://www.hysecurity.com/solar).

To enable fully automatic operation, the TITAN12L and TITAN12L1 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.

### Optional Accessories for TITAN12L/12L1



EPMB/A  
EPMOB/A  
EPLOB/A  
Photoeye Kits



EDSWG/A  
Keypad



Oview  
Programmer



Inti 2-channel  
transmitter



Era One  
2 or 4 channel  
transmitter



Solar panels



Battery Charger

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

**VISIT [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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