

# TITAN Linear Actuator

Elegant, modular design meets quiet operation

Quiet, powerful, and field-repairable with multiple controller and power options.

## Features:



### Simple:

UL 325 compliance with no external safety devices required using 310 bundle models\*



### Powerful:

Move gate leaf up to 1,000 lbs and 20 ft



### Easy maintenance:

Modular, field replaceable components for easy maintenance



### Convenience:

Easy access to limit switch adjustment



### Gate types:

Single or dual gate applications



### Technology:

Nice BlueBUS 2-wire system self-identifies monitored photo eyes



### Design:

Superior arm design keeps out dust and snow



### Noise reduction:

Soft-start and soft-stop for smooth gate operation



### Protected:

Locking manual release prevents unauthorized access and allows operation during power outage

\*Nice recommends adding an external entrapment device, such as photo eyes or edge sensors for enhanced protection

# TITAN Linear Actuator

## Residential, Farm, Ranch Applications



powered by  
**1050, Mercury 310**

### Technical Specifications

Model	TITAN12L1	TITANKIT 12L1	TITAN Bundle 310
<b>Operator Kit</b>	Single: CBOX1050 and 912L-1 Twin: CBOX1050, 912L-1 and 912L-2	Single: CBOX1050 or MB1050 and 912L-1 Dual: CBOX1050 or MB1050, 912L-1, and 912L-2	Single: ACBOX310 or SolarBOX310 and 912-1 Dual: ACBOX310 or SolarBOX310, 912-1, and 912-2
<b>Duty Cycle</b>	Continuous for AC; Varies based on solar charging capacity*		
<b>Drive</b>	Electromechanical		
<b>Gate Weight/Length Max</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 Open/Close speed set independently		14 - 16 seconds
<b>Temperature Rating</b>	-4° TO 122° F (-20° TO 50° C)		
<b>Operating Voltage</b>	12VDC		
<b>Input Voltage</b>	12VDC or 24VDC		18VDC to 24VDC
<b>Idle Current</b>	17mA		10mA
<b>Accessory Power</b>	V+/24V/12V, 0.3A each location		Regulated 12V 500mA always on (2 locations) Regulated 12V 500mA standby off (2 locations)
<b>Included Accessories</b>	OXIBD bi-directional receiver, one set of BlueBUS through beam photo eyes, Pivot Bolt	OXIBD bi-directional receiver, one set of EMX reflective photo eyes, Era One 2 Channel Mono Transmitter, Pivot Bolt	OXIBD bi-directional receiver, Era One 2 Channel Mono Transmitter, Pivot Bolt
<b>Communication</b>	BlueBUS, BUST4, OXI		BlueBUS, USB port, OXI
<b>User Controls</b>	1050US Controller		Mercury 310 Controller
<b>Relays</b>	3 programmable relays		None
<b>Actuator Dimensions</b>	Total Length: 42.5 retracted - 69.3 extended inches (108 - 176 cm) Pin-to-Pin: 40.5 retracted - 67.3 extended inches (103 - 171 cm)		
<b>Enclosure</b>	CBOX: 18w x 18h x 8d inch (46w x 46h x 20.3d cm)	CBOX: 18w x 18h x 8d inch (46w x 46h x 20.3d cm) MB1050: 14.25w x 15.125h x 9d inch (36.2w x 38.4h x 22.9d cm)	ACBOX: 11.8w x 15.8h x 6.7d inch (30w x 40h x 17 cm) SolarBOX: 18w x 18h x 8d inch (46w x 46h x 20.3d cm)
<b>Finish</b>	CBOX: Black powder coat steel	CBOX: Black powder coat steel MB1050: Black plastic	ACBOX: Gunmetal Grey plastic SolarBOX: Black powder coat steel
<b>ETL Listed (UL 325)</b>	Usage Class I, II		
<b>Warranty</b>	3 year w/product registration		

\* Actual battery backed up cycles will depend on gate resistance to travel, cycle length, battery health, ambient temperature, accessory power draw

### Optional Accessories - See website for complete list



Photo Eye Kits



EDSWG Keypad



Oviev Programmer



Era 2-Channel Transmitter



Era One 2 or 4 Channel Transmitter



Solar Panels



Battery Charger



ASO Edge Sensors



Contact Nice for an operator/parts distributor near you.  
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