

# Vanguard 3501 Swing

See the gate,  
not the opener

Articulating arm and post-mount design  
blends seamlessly and elegantly with the  
gate for quiet operation.

## Features:



### Powerful:

Move gate leaf up to 1,300 lbs  
and 20 ft



### Safety:

Offset pivot arm reduces the  
possibility of pinching



### Low maintenance:

Easy to install and maintain



### Flexible:

AC or Solar power options



### Resilient:

Newly redesigned corrosion  
resistant cover & long-lasting  
components



### Technology:

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



### Quiet:

Smooth, low-friction motor  
ensures near-noiseless operation



### Design:

Low profile, post mount design  
allows for compact installation



### Fast:

Open/close cycle in as quick as  
12 seconds



### Made in USA:

Designed, tested and built with  
global materials

# Vanguard 3501 Swing

## Residential Applications



powered by  
**1050US**

### Technical Specifications

<b>Model</b>	Vanguard 3501 Swing
<b>Operator Kit</b>	Single: CBOX1050 control box, CH35-1 drive chassis, ABOX35 arm kit Twin: CBOX1050 control box, CH35-1 and CH35-2 drive chassis, two ABOX35 arm kits
<b>Duty Cycle</b>	Varies based on charging capacity*
<b>Drive</b>	Electromechanical
<b>Gate Length Max</b>	up to 20 ft leaf (6 m)
<b>Gate Weight Max</b>	up to 1,300 lb leaf (590 kg)
<b>Open/Close Time (to 90°)</b>	12 - 20 seconds. Slowdown positions adjustable
<b>Temperature Rating</b>	-4° to 122° F (-20° to 50° C)
<b>Operating Voltage</b>	12VDC
<b>Input Voltage</b>	12VDC or 24VDC
<b>Idle Current</b>	17mA
<b>Accessory Power</b>	V+/24V/12V, 0.3A each location
<b>Included Accessories</b>	OXIBD bi-directional receiver, one set of BlueBUS through beam photo eyes
<b>Communication</b>	BlueBUS, USB port, OXI
<b>User Controls</b>	1050US Controller
<b>Relays</b>	3 programmable relays
<b>Arm Dimensions</b>	Retracted: 7.3 in +/-1.5 in (pin-to-shaft) Retracted: 40.9 x 8 in (folded) Extended: 68.5 in +/-1.5 in (pin-to-shaft)
<b>Enclosure</b>	CBOX: 18w x 18h x 8d inch (45.7w x 45.7h x 20.3d cm) Chassis: 17.8w x 12h x 8.3d inch (45.2w x 30.5h x 21d cm)
<b>Finish</b>	Powder coated steel chassis; blue molded polyethylene cover
<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 and frequency of gate cycles during power outage.

Note: Battery required but not included.

### Optional Accessories - See website for complete list



Photo Eye Kits



EDSWG Keypad



Oview Programmer



Inti 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.  
phone 253-867-3700 | 800-321-9947  
hysecurity.com | sales@hysecurity.com

Nice



D0818 041621