

Vanguard 3501 Swing

See the gate, not the opener

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

Features:



Powerful:

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



Low maintenance:

Easy to install and maintain.



Resilient:

Newly redesigned corrosion resistant cover and long-lasting components.



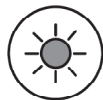
Quiet:

Smooth, low-friction motor ensures near-noiseless operation.



Safety:

Offset pivot arm reduces the possibility of pinching.



Flexible:

AC or Solar power options.



Technology:

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



Design:

Low profile, post mount design allows for compact installation.



Made in USA:

Designed, tested and built within USA from globally sourced materials.

Vanguard 3501 Swing

Residential Applications



powered by
Mercury310

Technical Specifications

Model	Vanguard 3501 Swing
Operator Kit	Single: CBOX310 control box, CH35-1 drive chassis, ABOX35 arm kit Twin: CBOX310 control box, CH35-1 and CH35-2 drive chassis, two ABOX35 arm kits
Duty Cycle	Varies based on charging capacity*
Drive	Electromechanical
Gate Length Max.	up to 20 ft leaf (6 m)
Gate Weight Max.	up to 1,000 lb leaf (272 kg)
Open/Close Time (to 90°)	~25 seconds
Temperature Rating	-4° to 122° F (-20° to 50° C)
Operating Voltage	12VDC
Input Voltage	18VDC to 24VDC
Idle Current	<10mA
Accessory Power	12V 500mA always on (2 locations) 12V 500mA standby off (2 locations)
Included Accessories	OXIBD bi-directional receiver, ONE2E transmitter
Communication	BlueBUS, USB port, OXI, 433MHz remote
User Controls	Mercury 310 board
Relays	N/A
Arm Dimensions	ABOX35: Primary: 36 inches total length; Secondary: 38.5 inches total length
Enclosure	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)
Finish	Powder coated steel chassis; molded polyethylene cover
ETL Listed (UL 325)	Usage Class I, II
Warranty	3 year w/product registration

If the operator is AC powered, the battery, if present, (not included or required) will be a backup for when AC power is lost.

If the operator is solar powered, battery and 12V solar panel are required (not included).

The Mercury 310 control board is equipped with an internal battery charger.



Nice/HySecurity is an industry leader of automated gate and perimeter security solutions.

The HySecurity brand provides high-quality, ultra-reliable industrial gate operators and crash-rated, Hostile Vehicle Mitigation (HVM) vehicle barriers designed to secure and protect critical infrastructure and facilities worldwide.