Model: **64PR-WING-SST Aerowing**

Finish: Stainless Steel w/ Quartz Coated Reader Windows. (Options Avail.)

Features:
* Flush Mounted Readers
* Extruded Aluminum 1 pc. Hinge
* DIN Rail Mounted Power Supply
* Control Boards Mounted on an Internal Equipment Plate.
* 10 million min. Cycle Mechanism

Cabinet Specifications:
- Length: 64"
- Width: 19.5"
- Height: 40"

Mechanism: Micro-Controlled Brushless Motor Drive, Variable Speed, 30 passages / minute Continuous Duty.

Operation:
- Entrance = Present Card - Panel Transits - Enter - Glass Returns
- Exit = Present Card - Panel Transits - Exit - Glass Returns

Function: Normally Locked in Both Directions (Options Available)

Quality: All production units include a 10,000 cycle Burn-In.

Included: Flush Mounted Prox Readers, Red & Green Indicator LED's, Fire Alarm Drop

In Use: Units operate automatically. Guard not required for normal access control.


Location: Aeroturn Standard Product.
AeroWing Turnstile Baseline Specification

Model: AeroWing
P/N: XX-WING-SS
Cabinet: 60”-96”l x 11.5”-20”w x 39”-40”h
Finish: #4 Brushed Stainless (options available)

Note: Can also be considered an “Optical Turnstile” in some specifications.

1. The AeroWing Turnstile shall be integrated with a building Access Control System to grant or deny access to the facility.
2. The AeroWing Turnstile shall be capable of utilizing Proximity, Bar Code, Magnetic Stripe & Biometric readers. All readers are factory mounted and protected by quartz coated polycarbonate when possible. Due to the nature of certain types of readers, Aeroturn fabricates reader mounts and guides that will enhance and prolong the service life of said devices.
3. The pedestrian passageway (typ. 36” clear) is bi-directional at all times. The moving Security Panels must have polished safety edges.
4. The passageway must be directionally controlled as to not allow passage in opposite direction of a positive card read. This feature prevents tailgating and invalid access into the facility.
5. AeroWing Turnstiles shall be non-restrictive to handicap personnel. All lanes must be capable of providing a 36” clear passageway without increasing the size of the Turnstile cabinet. i.e. The end cabinet and center cabinet must be the same physical dimension and still contain a single or double mechanism. Vertical readers must be available for wheel chair accessibility on all cabinets.
6. The Moving Panel must be capable of being replaced without removing the Cabinet from the floor or disassembling the installation.
7. Additional visual and audible outputs available.
8. The AeroWing Turnstile must provide optical resetting of the lane. Custom PLC options available.
9. Operation shall be capable of allowing 1 single passage per valid card read. Passageway shall be directionally sensitive and optically resettable. If pedestrian attempts to travel in opposite direction of valid card read, Moving Panel will close and not allow invalid access to the passageway.
10. ALL components and assemblies are designed specifically for the AeroWing Turnstile. Power Supplies, On-Board UPS, Circuit Breakers shall be DIN Rail rigidly mounted inside the Turnstile Cabinet. Control Board, Interface Board and programmable CNT Relay shall be mounted on an equipment plate inside the Turnstile Cabinet.
11. Pedestrian throughput must be capable of 30 passages per minute, dependent on the access control technology.
12. Entrance/Exit control is performed by a dry contact closure of no more than 200ms. Fire Open control is performed by breaking the normally closed wire pair/circuit provided at the Turnstile Control Board. Push Button/Panel and exit control shall be available.
13. **AeroWing Turnstile must operate with a 24VDC micro-controlled brushless motor capable of 10 million continuous cycles without any type of scheduled or unscheduled maintenance.** Site adjustable independent panel speed must be available. A continuous duty (capable of 14 million rotations) safety slip clutch must be coupled with motor to provide safety to the pedestrian in case of authorized or unauthorized contact with the Glass Panels. Safety Clutch must provide the same function in both directions without damaging the Turnstile Mechanism.
14. The AeroWing Turnstile must be capable of providing a single ADA 36” clear passageway lane.
15. AeroWing Turnstile Mechanism must be capable of being offset in the original Turnstile Cabinet towards one end from centerline. This feature must be available if normally unlocked operation is possible. Keeping the Panel at the far end of the entrance or exit passageway enables Panels to close passageway upon invalid card read without coming in contact with pedestrian.
16. Panels must have the option of clear or other materials such as Logo’s / Decals per end user requests.
17. AeroWing Turnstile shall have an available manual key emergency open override at the Turnstile Cabinet.
18. Aerowing Turnstile shall have a passageway odometer internally or remotely mounted.
19. AeroWing Turnstile Cabinet shall have replaceable components without mandatory replacement of entire cabinet due to damage.
20. **The AeroWing Turnstile must have a 5 year non pro-rated Zero-Maintenance Warranty.**

21. All engineering, fabrication, assembly, crating and testing shall take place in the U.S.A.