

Aegis-3000 Series Full-Height Turnstile

Barrier Movement Type: Full-height rotating turnstile for controlled pedestrian access.

Cabinet and Barrier Material: SUS201 material for superior durability and corrosion resistance.

MCBF: 2 million cycles, ensuring long-term durability in high-usage environments.

Lane Width: Standard lane width of 21.65" (550mm).

Access Direction: Single or bi-directional operation.



The Aegis-3000 Series is a full-height turnstile from Armatura with high-security physical access control and multiple authentication capabilities. Designed for high-traffic environments, it can process a maximum of 30 passengers per minute and features anti-tailgating detection, auto-barrier unlocking in emergency and auto-close mechanism. Additionally, the Aegis-3000 Series provides multiple authentication methods including RFID, static/dynamic QR code scanning, and fingerprint authentication. It also supports mobile credentials through the Armatura Mobile Credential System, utilizing NFC and Bluetooth. What makes Aegis-3000 Series stands out is its rugged and corrosion-resistant SUS201 stainless steel construction and IPX4 water resistance protection rating, ensuring reliable performance in industrial facilities, transportation hubs, government and corporate facilities.

Features

Multiple Authentication Options

Credential Options: Supports QR Code, and Fingerprint authentication.
Compatible with external access control systems such as RFID readers.

Multi-Factor Authentication: Provides enhanced security for restricted areas.
Integration with Armatura One: Supports centralized access control and monitoring.



RFID



Armatura Mobile Credential
Armatura ID



Fingerprint
Authentication

Performance & Durability

MCBF (Mean Cycles Between Failures)

Tested for 2 million cycles, ensuring exceptional reliability and long-term durability even in high-traffic environments.

Throughput Rate

Handles up to 30 people per minute, making it highly efficient for busy locations like stadiums, factories, and transit hubs.

Access Direction

Supports single or bi-directional operation, offering flexible entry and exit configurations to suit various access control needs.



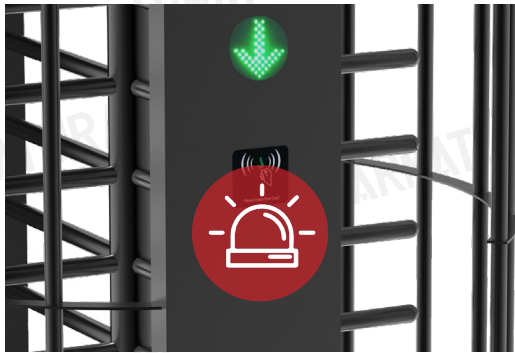
High Throughput Rate
Capable of handling 30 passages per minute

Reliable Safety & Security Features

Lane Width: Standard lane width of 21.65" (550mm), suitable for controlled pedestrian access.

Emergency Mode: Automatically unlocks during power failure or fire alarm activation.

Anti-Collision Detection: Mechanical and electronic safeguards to ensure user safety.



Barrier Unlocks Automatically In Emergencies



Anti-Collision Detection

Durable and Weatherproof Design

Achieved IPX4 protection rating for water resistance.

Utilize SUS201 stainless steel construction with corrosion-resistant properties.

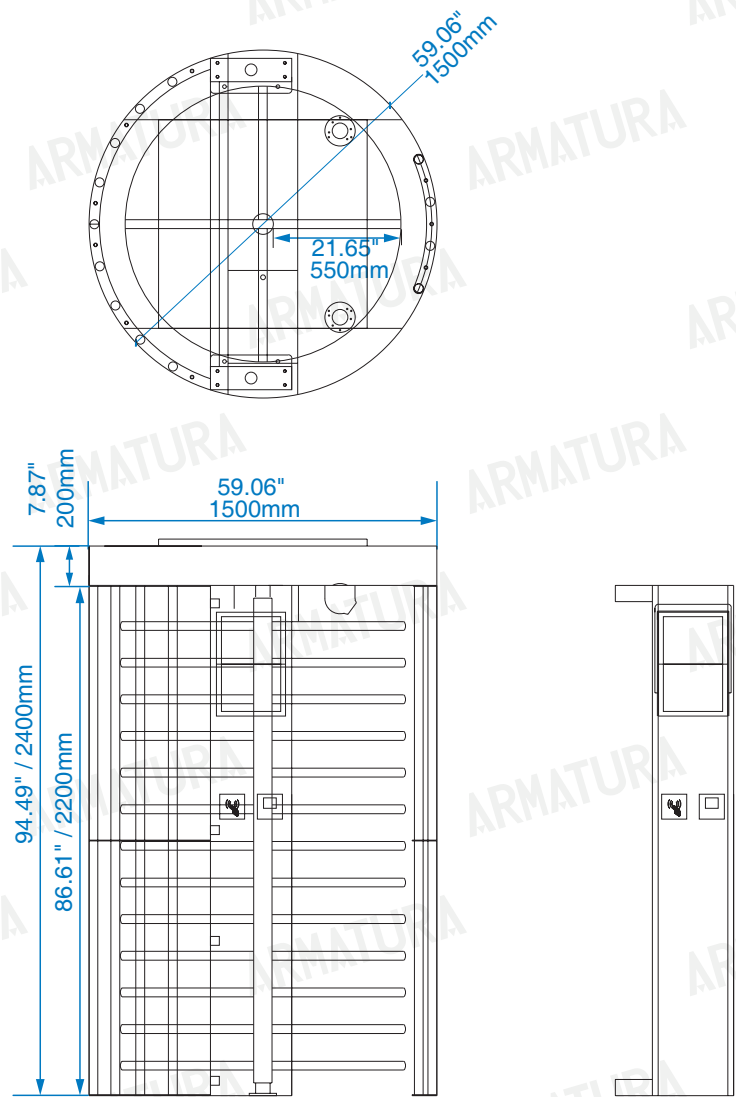


SUS201 Stainless Steel Construction



IPX4 Protection Rating for Waterproof and Dustproof

Dimensions



Specifications

Model	Aegis-3000 Aegis-3011 (with RFID) Aegis-3022 (with Fingerprint and RFID)
Audio Indicator	Internal Buzzer
Visual Indicator	LED visual indicators integrated into the vertical column Red cross: passage denied Green arrow: passage allowed
Lane Type	Single lane
Lane Width	21.65" (550 mm)
Barrier Movement Type	Full-height rotating turnstile
Movement Speed	Up to 30 people per minute
Barrier Material	SUS201 (with black powder coating finishing)
Cabinet Material	SUS201 (with black powder coating finishing)
Lid Material	SUS201 (with black powder coating finishing)
Motherboard Function	System configuration, entry log memory, safety logic

Motherboard Communication	Fire alarm port (Relay)*1, RS485 port*1
Controller	Standard full height turnstile controller
Credential Options	EP10, EP20 or 3rd-party readers
Flow Rate	RFID: 30 passengers per minute QR Code: 30 passengers per minute Fingerprint: 20 passengers per minute
Accessibility	21.65" (550 mm) standard lane for pedestrians
Power Supply	100-240 VAC, 50/60 Hz
Power Rating	40 VA (Standby), 200 VA (Operation)
Fire Signal	Input for voltage-free contact
Noise Level	Less than 60 dB
MTTR	Less than 60 minutes
MCBF	2 million cycles
Weight	Gross Weight: 776 lbs (352 kg) Net Weight: 551 lbs (250 kg)
Dimension (LxWxH)	59.06" × 59.06" × 94.49" (1500 × 1500 × 2400 mm)
Dimensions with Packing	58.27"×36.61"×84.67" (1480×930×2150mm) (Fence) 61.02"×13.39"×64.96" (1550×340×1650mm) (Top cabinet) 78.35"×35.83"×39.76" (1990×910×1010mm) (Rotating shaft)
Operating Temperature	-18.4°F to 140°F (-28°C to 60°C)
Operating Humidity	20% to 95% RH (non-condensing)
Certifications	Compliant with global safety and security standards
Ingress Protection Rating	IPX4
Supported Software	Armatura One
Safety Features	Power-off, Fail-safe, Emergency escape function
Security Features	Anti-tailgating, Anti-intrusion, Auto-close mechanism
Product Delivery	Pre-assembled for easy installation
Application Environment	Indoor and Outdoor
Site Preparation	Flat and level finished floor (optional base plate for unfinished floors)
Security Level	High
Emergency Mode	Barrier unlocks automatically during emergencies
Packing Material	Wooden Box



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