Aegis-1000

Secure Access with Multiple Authentication Methods for Maximum Safety

Aegis-1000: Full Height Turnstile

Aegis-1011: Full Height Turnstile with RFID Access Control System

Aegis-1022: Full Height Turnstile with Fingerprint, QR Code, and RFID Access Control System



The Aegis-1000 series is a full-height turnstile from Armatura with high-security physical access control system and multiple authentication capabilities. Designed for moderate to high traffic areas, this full-height turnstile features automatic barrier unlocking in emergencies, anti-tailgating, anti-intrusion and an auto-close mechanism, making it the most secure among all turnstile types. Supporting various authentication methods such as RFID, static / dynamic QR code scanning, and fingerprint authentication, the Aegis-1000 series can process up to 30 people per minute. Also, Aegis-1000 series is constructed of SUS304 stainless steel and reached IPX4 protection rating for waterproof, ensuring reliable operation in both indoor and outdoor environments, making it ideal for corporate campuses and public venues.

Features

Multiple Authentication Options

Supports QR Code (static / dynamic) and fingerprint authentication. Compatible with external access control systems such as RFID readers.

Supports mobile credentials through the Armatura Mobile Credential System, utilizing NFC and Bluetooth.



RFID



Armatura Mobile Credential
Armatura ID



Fingerprint

Performance & Durability

MCBF (Mean Cycles Between Failures): tested for 2 million cycles, ensuring long-term reliability in high-usage environments.

Capable of handling up to 30 people per minute, making it ideal for moderate busy locations.

Supports single or bi-directional operation with a standard lane width of 23.62" (600mm) for controlled pedestrian access.



Throughput rate: 30 passages/minute

Reliable Safety & Security Features

Emergency Mode: Barrier unlocks automatically during emergencies such as fire or power outage for safe egress.

Equipped with anti-tailgating, anti-intrusion and auto-close mechanism for enhanced security.

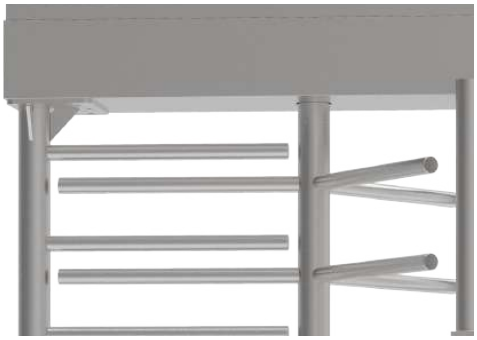




Durable & Weatherproof Design

Achieved IPX4 protection rating for water resistance.

Utilizes SUS304 stainless steel construction with corrosion-resistant properties.



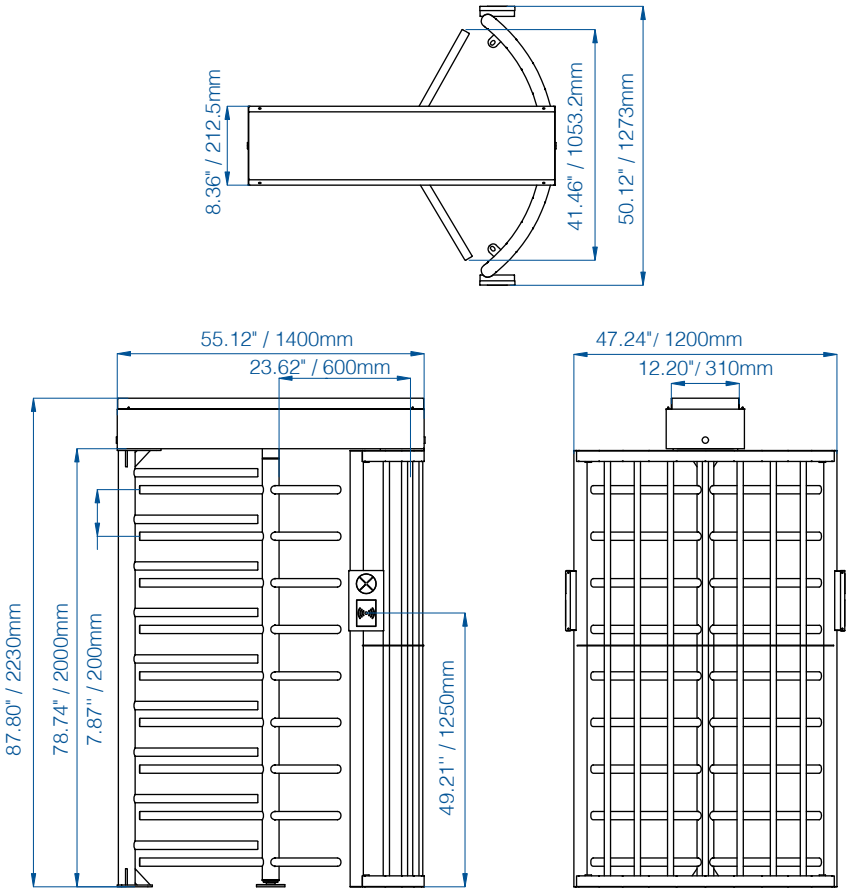


Flexible Application & Integration

Supports integration with the Armatura One security platform for centralized access control management.

Suitable for both indoor and outdoor environments and offers pre-assembled for easy installation.

Dimensions



Specifications

Model	Aegis-1000
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	23.62"(600mm)
Barrier Movement Type	Full-height rotating turnstile
Movement Speed	Up to 30 people per minute
Barrier Material	SUS304 Stainless Steel SUS316 Stainless Steel (Optional)
Cabinet Material	SUS304 Stainless Steel SUS316 Stainless Steel (Optional)

Lid Material	SUS304 Stainless Steel SUS316 Stainless Steel (Optional)
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	RFID & Mobile Credentials: EP10C, EP20 Series, VG10CKQ series (Recommended) or 3rd Party Readers Biometrics: EP30CF (Fingerprint with RFID and Mobile Credentials), OmniAC20, FT10CMQ (Face, Palm, RFID and Mobile Credentials)
Flow Rate	RFID: 30 passengers per minute QR Code: 30 passengers per minute Fingerprint: 20 passengers per minute
Accessibility	23.62"(600mm) 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 65 dB
MTTR	Less than 60 minutes
MCBF	2 million cycles
Weight	Gross Weight: 473.99lb / 215kg Net Weight: 291.01lb / 132kg
Dimensions (L*W*H)	55.12" x 50.12"x 87.80" (1400 x 1273 x 2230mm)
Dimensions with Packaging (L*W*H)	41.97" x 55.75" x 88.19" (1066 x 1416 x 2240mm)
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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