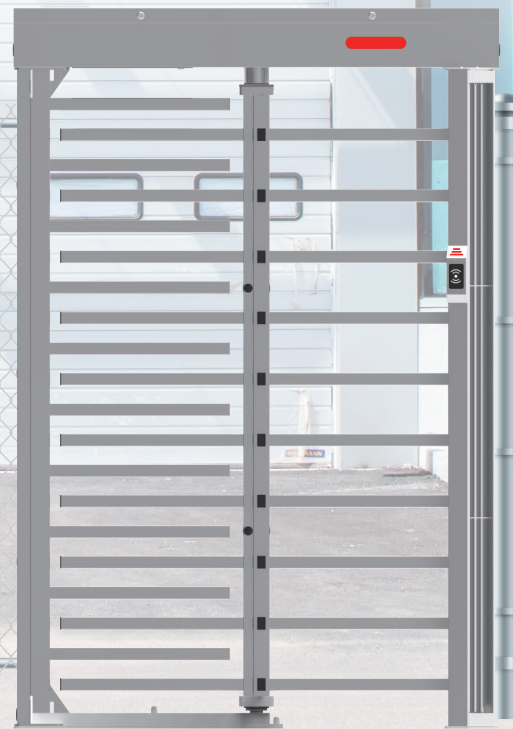# FHT3300 & FHT3400 Series

Full Height Turnstile
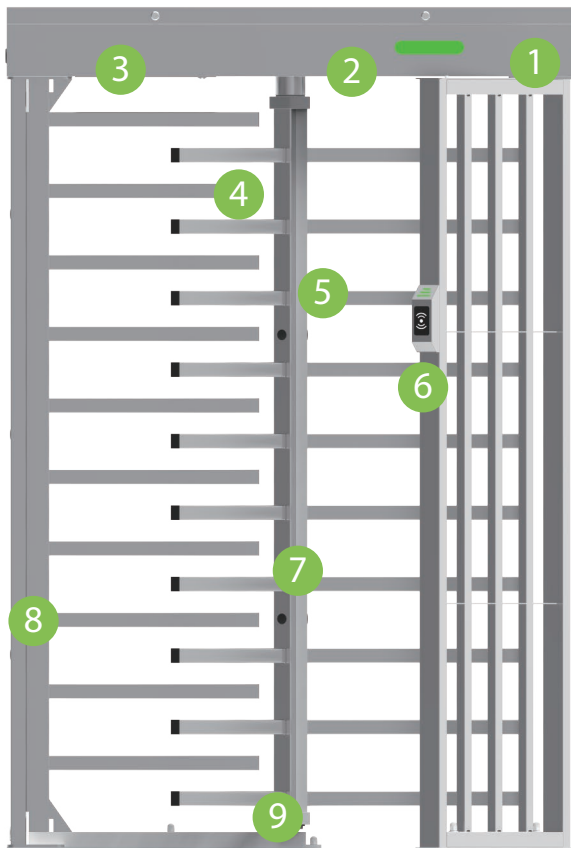## Safeguard Your Venue Security

FHT3300

FHT3400

Introduction

FHT3000 Series supports seamless integration with a wide range of authentication technologies, including RFID, fingerprint verification and QR code. Its bi-directional operation can be independently configured as controlled, locked, or free rotation, ensuring adaptable security for diverse environments. FHT3000 Series is equipped with red and green LED indicators which provide clear visual guidance for ease of use for users. Available in two models, the FHT3300 and FHT3400, it optimizes flow management with reliability.

Built from SUS304 stainless steel, this full height turnstile can operate smoothly in indoor and outdoor conditions. The 550mm passage width ensures comfortable access.

Also, the FHT3000 series has anti-tailgating function, it can prevent unauthorized entry attempts. The turnstile can configured into three operation modes, including controlled, locked and free which deliver comprehensive access control management for government facilities, sports arenas or schools.

Design

1. Enhance durability by using stainless steel (SUS304) with good corrosion and rust resistance. You can upgrade your FHT with stainless steel (optional SUS316).

2. A dual-color (red and green) LED visual indicators for instant access status.

3. Mainboard controller box door (A mainboard controller located behind for maintenance and debugging).

4. Removable design for rotor rod, saving shipping cost and to minimize maintenance.

5. Fully welded stainless steel rectangular bar, 550mm long and with a maximum load of 50kg/110lbs static force.

6. Multiple authentication options: compatible with fingerprint, RFID and QR code.

7. Two types of rotor rotation available, including 120 degrees rotation (FHT3300) and 90 degrees rotation (FHT3400).

8. IPX4 protection rating supports all-weather outdoor use conditions.

9. Easy installation on ground with drill holes positioning plate.

Features

Multi-Method Authentication
• Integrates with multiple authentication methods, including fingerprint, RFID card, and QR code (static & dynamic)*, delivering enhanced security and secure access control.

Performance and Durability
• Constructed with Stainless Steel SUS304 (optional SUS316) for enhanced corrosion resistance.
• Reached IPX4 protection rating for water resistant and ensures stable operation in adverse weather.
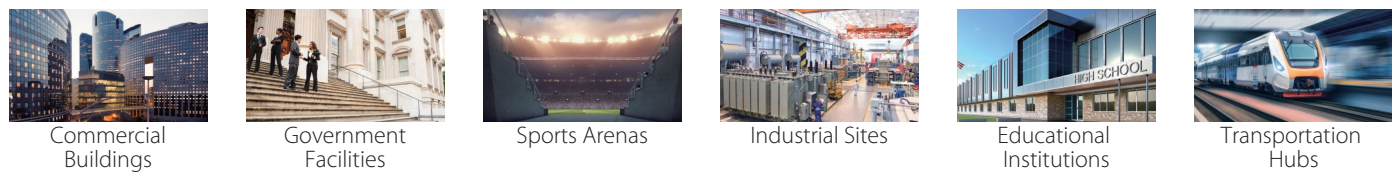
Safety Features
• Equipped with an Emergency Mode to ensure safety during critical situations for evacuation.
• Designed with a smooth rotor arm movement and maximum speed throughput of 20 people per minute, ensuring secure and efficient passage.

QR code (static & dynamic)*:
Required software support, ZKBio CVsecurity support static&dynamic QR code verification.

Applications

Designed for high-traffic environments and high- security environments, the FHT3000 Series is deployed in:
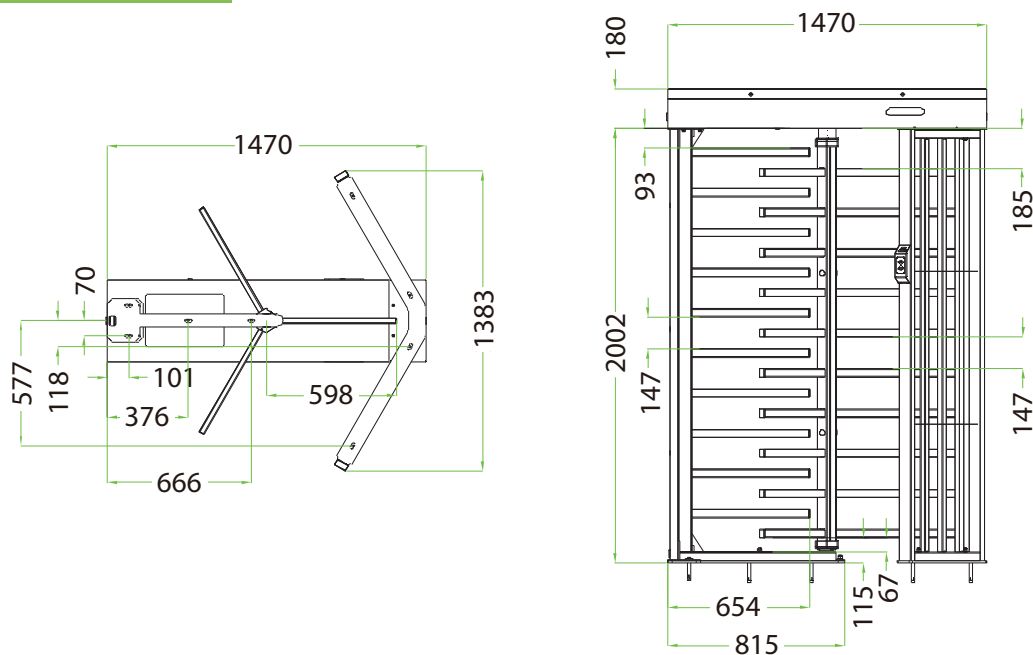
Commercial Buildings	Government Facilities	Sports Arenas	Industrial Sites	Educational Institutions	Transportation Hubs

Specification

Model	FHT3300	FHT3400
Audio Indicator	N/A	
Visual Indicator	LED visual indicators integrated into the vertical column Red cross: passage denied Green arrow: passage allowed	LED visual indicators integrated into the vertical column Red cross: passage denied Green arrow: passage allowed
Display	NA	
Lane Type	Single lane	
Lane Width	550mm (21.65")	
Lane Height	2002mm (78.82")	
Footprint (L*W)	1470*1382.5mm	
Rotor Movement Type	Full-height rotating turnstile	
Rotor Diameter	35*25mm	
Rotor Arm Configuration	3-blade rotor	4-blade rotor
Rotor Arms	10	
Motor	NA	
Throughput Rate	Max. 20 to 25 people per minute	
Clutch	NA	
Rotor Arm Material	Stainless steel	
Cabinet Material	SUS304 stainless steel (the housing features a precision #120-grit hairline finish) / (SUS316 stainless steel optional)	
Lid Material	SUS304 stainless steel (the housing features a precision #120-grit hairline finish) / (SUS316 stainless steel optional)	
IR Sensors	N/A	
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 reader: ProID10; Fingerprint reader: FR1500S or 3rd-party readers; QR Code reader: QR500	
Flow Rate	RFID: 20 passengers per minute Fingerprint: 15 passengers per minute QR Code: 30 passengers per minute	
Accessibility	550mm (21.65") standard lane for pedestrians	
Power Supply	AC110-220, 50/60 Hz	
Power Rating	40W	
Fire Signal	Input for voltage-free contact	
Noise Level	Less than 60 dB	
MCBF	1 million	
Weight	Net Weight: 260kg Gross Weight: 300kg	Net Weight: 290kg Gross Weight: 330kg
Dimension (L*W*H)	1470*1382.5*2182mm	1470*1537*2182mm
Dimension with Packaging (L*W*H)	1200*2100*1200mm	
Operating Temperature	-28℃ to 60℃	
Operating Humidity	0% to 95% RH (non-condensing)	
Certifications	Compliant with global safety and security standards	
Ingress Protection Rating	IPX4	
Supported Software	ZKBio CVSecurity (depends on the access controller installed)	
Safety Features	Emergency escape function	
Security Features	Anti-tailgating	
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	Rotor unlocks automatically during emergencies	
Packing Material	Wooden Box	

Dimension(mm)

FHT3300

FHT3400