

TS1200 Pro series

Tripod Turnstile
Bi-Directional Intelligence in Dual Lane Design



The TS1200 Pro series delivers robust access control through its SUS304 stainless steel construction, engineered for demanding environments from corporate campuses to entertainment venues. This dual-lane, bi-directional tripod turnstile processes up to 25 passengers per minute via RFID or 20 per minute through fingerprint authentication, optimizing throughput in high-traffic locations, the bi-directional tripod turnstile supports wireless remote control to execute the drop arm function efficiently for free passage.



Access Control System



Drop Arm



Bi-directional



Mechanical Unlocking

Features

- Complete SUS304 stainless steel construction with IPX4-level water resistance for indoor and sheltered outdoor use.
- Bi-directional and dual lane tripod
- Embedded LED pictograms with green/red indicators for clear directional guidance.
- High throughput rate:
25 passengers/min (RFID)
20 passengers/min (fingerprint)

Specifications

Model	TS1200 Pro Series
Visual Indicator	LED Indicator Steady green = Open Steady red = Close
Audio Indicator	Internal buzzer
Lane Type	Dual lane (support bi-directional)
Lane Width	550mm
Barrier Movement Type	Rotating (tripod)
Tripod Length	500mm
Footprint	605 × 252mm
Lid Material	SUS304 stainless steel
Lid Options	Streamlined (with mount options)
Authentication Methods	Fingerprint; RFID
Chassis Material	SUS304 stainless steel (T=1.2mm)
Chassis Color	Silver/gray
Barrier Material	SUS304 stainless steel
Motherboard Function	Tripod (drop arm) duration; access mode configuration
Motherboard Communication	Fire alarm port (relay) *1 ; RS485 port *1
Controller	C3-200 Plus (recommended); Inbio 260 Pro Plus or third-party controller subject to turnstile chassis space
Credential Options	Under Mount RFID Reader: ProID 10/ KR series Under Mount Fingerprint Reader: FR200 / FR1500
Flow Rate	RFID: 25 passengers per minute; Fingerprint: 20 passengers per minute
Accessibility	Adult; Children (with care); Disability (with care)
Power Supply	110V / 220V AC ±10% 50/60Hz; DC 12V
Power Rating	10VA (Standby); 40VA (Operation)
Fire Signal	Input for voltage free contact
Noise Level	Less than 60dB
MTTR	Less than 60 minutes
MCBF	2 million
Weight	Gross weight: 85kg; Net weight: 65kg
Dimensions (L*W*H)	1374 × 606 × 992mm
Dimensions With Packing (L*W*H)	470 × 750 × 1100mm
Operating Temperature	-20°C to 70°C
Operating Humidity	0% to 80% RH (non-condensing)
Certifications	CE, FCC
Ingress Protection Rating	Tested to IPX4-level water resistance (self-lab test result)
Supported Software	ZKBio CVAccess / ZKBio CVSecurity (expands functionality for access control)

Safety Levels	Auto-locking tripod upon authentication failure; drop arm during power off or power outage
Security Features	Anti-tailgating
Product Delivery	Pre-assembled
Application Environment	Indoor / outdoor (if sheltered)
Site Preparation	Flat level finished floor (base plate in options for unfinished floor)
Security Level	Medium
Emergency Mode	Support (drop arm)
Packing Material	Wooden box (standard)

Dimensions (mm)

