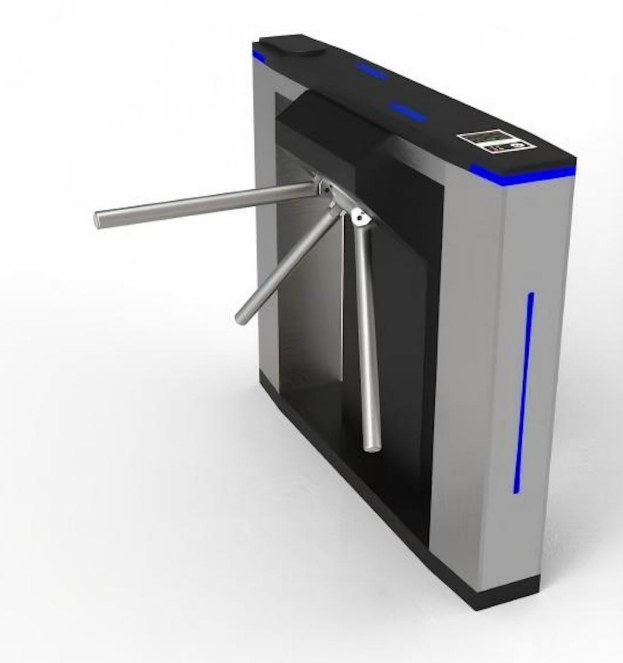
深圳宝兰安防智能科技有限公司
Shenzhen Bolan Security Technology Co.,Ltd
Shenzhen Baolan Security Smart Technology Co.,Ltd

Full automatic tripod turnstile

BLS-T504A



Features

· DC brush-less motor – ensure the turnstile operating smoothly and quiet, longer lifetime

· Self-centering rotor drive – auto-resets to original position after each rotation

· 30s adjustable auto-lock – activates if no passage after gate opening

· Power-off anti-pinch mechanism – avoids mid-rotation jamming or pedestrian trapping

· 60° anti-reverse system – blocks unauthorized reverse passage

· Startup Self-Diagnosis – power-on key part inspection automatic, alarm with fault

Solutions:

• Access control and time attendance system: RFID card/wristband, biometric/face recognition, computer with management software can also control directly
• ESD tester system: ESD tester+RFID card or face recognition or not
• Ticket system: QR code wristband/ticket
• coin/token collector or RFID card/wristband insert
• Exit button
• Wireless remote control

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Technical Specifications

Parameter Category	Specific Specifications
Dimensions	Standard: 1200mm (length) × 280mm (width) × 980mm (height); Customized size available for special installation environments and design
Passage Width	550-650mm (suitable for single adult pedestrian passage)
Material	Cabinet: 304 stainless steel/ optional 316 stainless steel for corrosive environments /Carbon steel powder coating, colors optional
	Tripod arms: 38mm diameter 304 stainless steel pipe, add safety sleeves optional, 500mm length
Working Voltage	AC 110V-220V ± 10%, 50Hz
Drive Voltage	DC24V
Working Current	Static current: ≤ 800mA;
	Operating current: ≤ 2000mA
Operating Temperature	-20°C to 60°C (normal operation under low-temperature and high-temperature environments with proper protection)
Relative Humidity	≤ 95% (non-condensing)
Passage Speed	20-30 persons per minute (under normal access control verification conditions)
Operating Direction	Single or bi-direction
Protection Level	IP54 (standard); IP65 available for outdoor or dusty environments
Power Failure Handling	Automatic drop-arm (unlocked) to ensure pedestrian pass; manual lift-arm when power on(Semi-automatic tripod turnstile); automatic lift-arm when power on(full automatic tripod turnstile)
Verification Interface	Dry Contact Interface(compatible with most of access control devices on the market) ;RS485, RS232
Motor	DC brush-less motor

Customization options:

· Custom design & dimensions tailored to site requirements
· Versatile materials/finishes: 304/316 stainless steel, powder-coated carbon steel; brushed, snowflake, mirror or matte surfaces; optional anodized aluminum for specific models
· Logo customization via stainless steel plate or silk-printing
· LED indicators: fixed red X/green arrow or dynamic flowing arrows
· Reader window customization (shape, size, position) with optional logo/slogan
· Two arm types: full-welded (stainless steel lock head) or press-formed (aluminum lock head)
· Optional colored arm sleeves
· Optional sound alarm function
· Portable version with carbon steel plate for easy relocation
· For more details, refer to our customization page; contact us for special requests

Applications:

• Suited for applications requiring high volume access and medium levels of security
• Used extensively in applications such as scene spots, fitness, gyms&clubs, colleges, libraries, leisure parks and stadiums

Dimensions:

