

Smart QR Ticket Gate

Custom API Integration for Ticketing Systems

Ticket is validated only after actual passage

Scan ≠ Used
(No entry, ticket remains valid)

Pass = Used
(Entry confirmed, ticket closed)

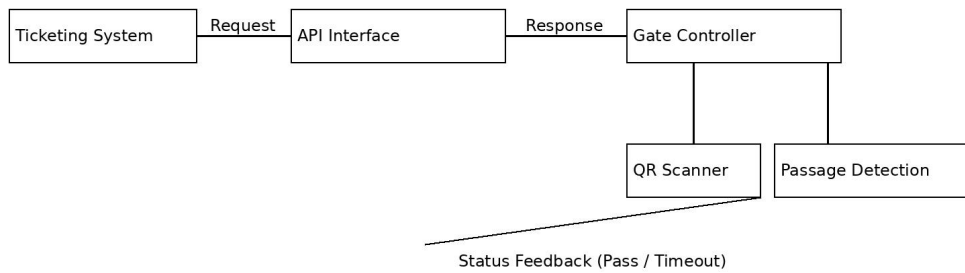


System Overview

The KT4526 Smart QR Ticket Gate is designed for seamless integration with third-party ticketing systems.

It enables real-time ticket validation and passage-based status confirmation, ensuring accurate access control and preventing ticket reuse or misuse.

System Architecture



The system supports real-time communication between the gate and backend system, ensuring ticket validation is completed only after actual passage.

Working Principle

1. User presents QR code
2. Gate transmits QR data to backend system
3. Backend system validates the ticket
4. Gate opens upon authorization
5. Passage is detected by sensors
6. System updates ticket status to "used"

Key Technical Features

- Custom API interface for third-party system integration
- Real-time passage status feedback
- Support for MQTT, HTTP, TCP, and UDP protocols
- Anti-tailgating and anti-reverse passage detection
- Support for group ticket validation

Technical Specifications

Model	KT4526-BW-BASIC	KT4526-BW-PRO
Drive Unit	24V Brushless Motor	24V Brushless Motor
QR Scanner	N/A	Included (Optional IC Reader)
Display	N/A	5-inch LCD
Communication Protocol	None	MQTT / HTTP / TCP / UDP
Gate Control	IO Signal	API Control
Pass Status Feedback	N/A	Real-time
Error Feedback	N/A	Real-time
Group Ticket	Yes	Yes
Anti-Reverse	Yes	Yes
Anti-Tailgating	Yes	Yes
API Customization	N/A	Supported
Material	Powder-Coated Steel	Same
Dimensions (mm)	450×260×980	Same
Arm Length (mm)	500	Same

API Interface & Integration

Standard API functions:

- Heartbeat monitoring
- QR data transmission
- Gate control commands
- Status feedback (pass / timeout)

Custom API protocols can be developed to match third-party ticketing systems.

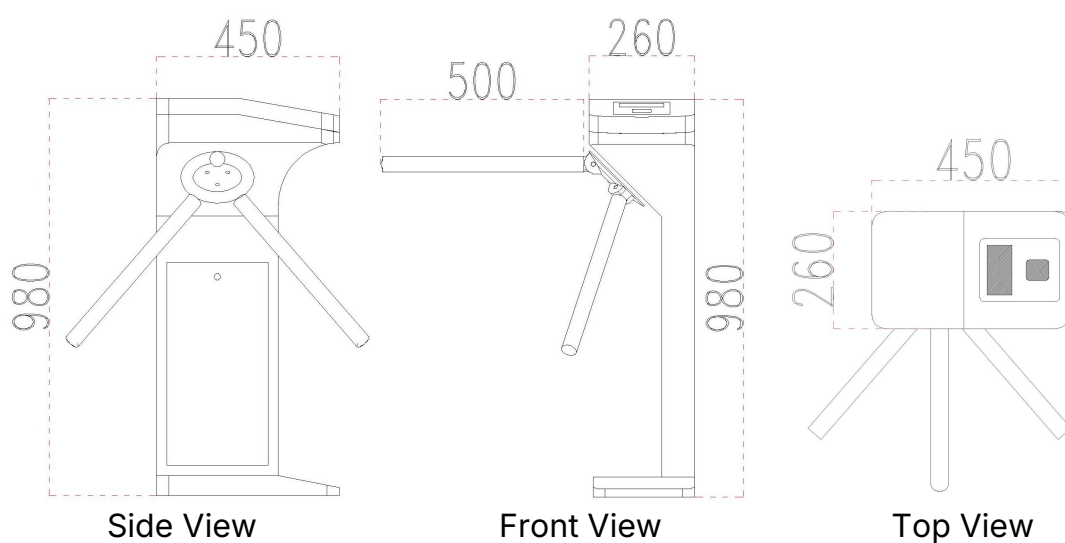
Application Scenarios

- Theme parks
- Tourist attractions
- Stadiums
- Event venues

Product Views



Dimension Drawing



Color Options



KT4526-BW
Black & White(Standard)



KT4526-OW
Orange & White



KT4526
Silver (SUS304 Material)



KT4526-WB
White & Black
(Electroplated stainless steel)