ESE-F339T

Metal Facial Recognition QR Code Access Control Integrated Machine

FACE RECOGNITION	QR CODE ACCESS	BLUETOOTH ACCESS
IP65 WATERPROOF	TIME PERIOD MGMT	MOBILE APP



Product Overview

The ESE-F339T metal facial recognition QR code access control integrated machine combines face recognition, QR code access, card swiping, Bluetooth and key access control in a single narrow-body terminal. Built for gates and elevator access applications, it verifies staff, residents and visitors through network-based access control while supporting both online and offline QR code identification. The aluminum-alloy housing, intelligent scanning design and IP65 outdoor protection make it suitable for demanding smart-building and perimeter access deployments.

Key Features

- Integrates cloud QR code, card swiping, face recognition, password, Bluetooth and key access control functions.
- Day and night QR code scanning with high-end CMOS sensor for strong low-light performance.
- High performance with 1.5GHz main frequency and card storage capacity up to 100,000 users.
- Standard Ethernet port, with optional WiFi module and offline operation support.
- Ultra-narrow 44 mm body, suitable for most narrow door frames worldwide.
- IP65 waterproof design for outdoor deployment.
- Professional access time-period management with mobile APP remote management.
- Compatible with PLC controller integration.

Technical Specifications

Core hardware and access-control specifications for the ESE-F339T model.

Item	Specification
Main chip	1.5GHz main frequency
Memory	128MB
Storage	128MB
Access verification methods	Face Recognition, QR Code, IC/ID Card, Password, Remote Unlock
RF card type	Standard IC card (ISO 14443A/B), optional support for ID card
Access time period	8 groups
Network mode	Ethernet
Card capacity	100,000
Bluetooth unlocking range	Within 10 meters without obstacles
Camera	200W binocular camera
Fill light	White light fill lamp
Indicator light	Red, green and white three-color indicator

Interfaces, Environment & Platform Features

I/O, installation environment and platform-management capabilities.

Item	Specification
Access I/O	1 exit switch, 1 door sensor input, 1 unlock output
Alarm input	1 channel
Wiegand interface	1-channel Wiegand output
PLC controller	Supported
Face capacity	30,000
RS485 interface	1 channel, optional elevator control linkage
Shell material	Aluminum alloy, 2.5D tempered glass
Waterproof grade	IP65 outdoor waterproof
Operating temperature	-30°C to 80°C
Operating humidity	10–90%
Power specification	12V / 2A
Device dimension	140 × 44 × 24.6 mm

Platform Features

- Supports unified management of millions of IoT devices and cloud-based audio / video solutions.
- A unified platform integrating video intercom, face recognition access control, cloud access control, parking management, elevator control and monitoring systems.
- Equipped with real-time event recording and support for large-scale data storage.
- Provides mature API docking services to facilitate rapid project implementation and deployment.
- Delivers stable and scalable service capabilities for broad deployment scenarios.
- Builds a secure and reliable system platform.

Application Notes

- Suitable for gates and elevator access control points.
- Designed for staff, resident and visitor verification workflows.
- Supports both online and offline QR code identification.
- Appropriate for smart buildings, estates, offices and managed facilities.