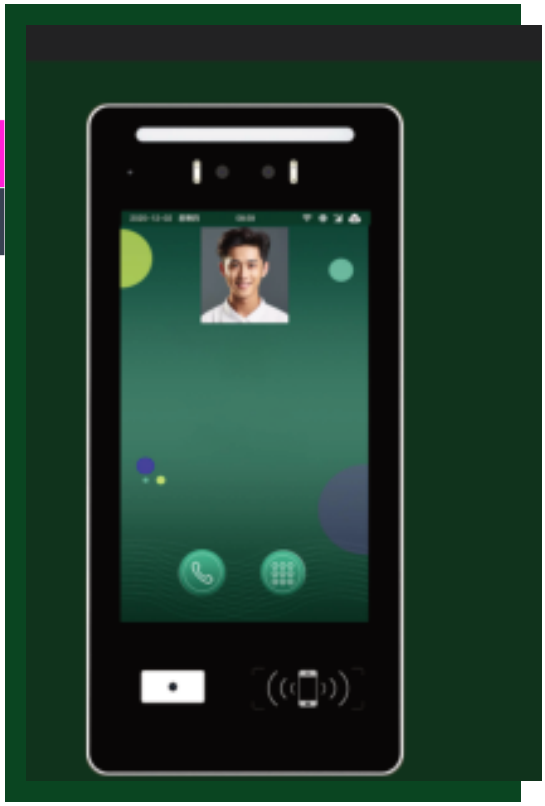
ESE-VF711L-A

10.1-Inch Facial Recognition Video Intercom Terminal

FACE RECOGNITION	BLUETOOTH ACCESS	10.1-INCH HD DISPLAY
DIGITAL INTERCOM	ANTI-BACKLIGHT CAMERA	SIP / CLOUD SUPPORT



Product Overview

The ESE-VF711L-A facial recognition video intercom terminal is a cost-effective and reliable smart access solution built on a Linux-based AI platform. It supports both analog and digital cloud intercom operation, helping reduce overall system cost while maintaining strong performance. The device features a 10.1-inch HD capacitive touch display, dual 2MP anti-backlight cameras, and multiple authentication methods including face recognition, Bluetooth, card access, remote operation and video intercom. It is suitable for residential estates, industrial parks, campuses, kindergartens, hospitals and other smart-building applications.

Key Features

- Multiple access methods: facial recognition, Bluetooth, remote control, card swipe, and video intercom.
- 10.1-inch HD full-touch display for intuitive operation.
- Dual 2MP camera with wide dynamic range and anti-backlight recognition.
- Linux-based multimedia platform with low power consumption.
- Standard Ethernet communication, with optional 4G and WiFi.
- Supports ID card / photo ID recognition and optional QR code recognition.
- Premium aluminum alloy housing with armoured glass panel and IP54 protection.
- Supports wall-mounted and gate-post / embedded installation.

Applications

- Residential estates and condominiums
- Industrial parks and office campuses
- Kindergartens, schools and hospitals
- Smart-building visitor and access control points

Technical Specifications

Core system and intercom specifications for the ESE-VF711L-A model.

Item	Specification
System	Linux
Main chip	AI300
NPU	1T
Screen size	10.1 inches, 800 × 1280
Touch	Full screen capacitive touch
Face capacity	30,000
Storage capacity	100,000
Camera	Dual 2MP camera with wide dynamic range and anti-backlight
Video intercom	Supports digital intercom and cloud intercom
Dial mode	Enter room number, use room list selection, or one-touch intercom doorbell / phone number dialing.
Protocol	SIP
Video encoding	H.264
Audio encoding	PCMU
Microphone	Single microphone
Speaker	8Ω 2W

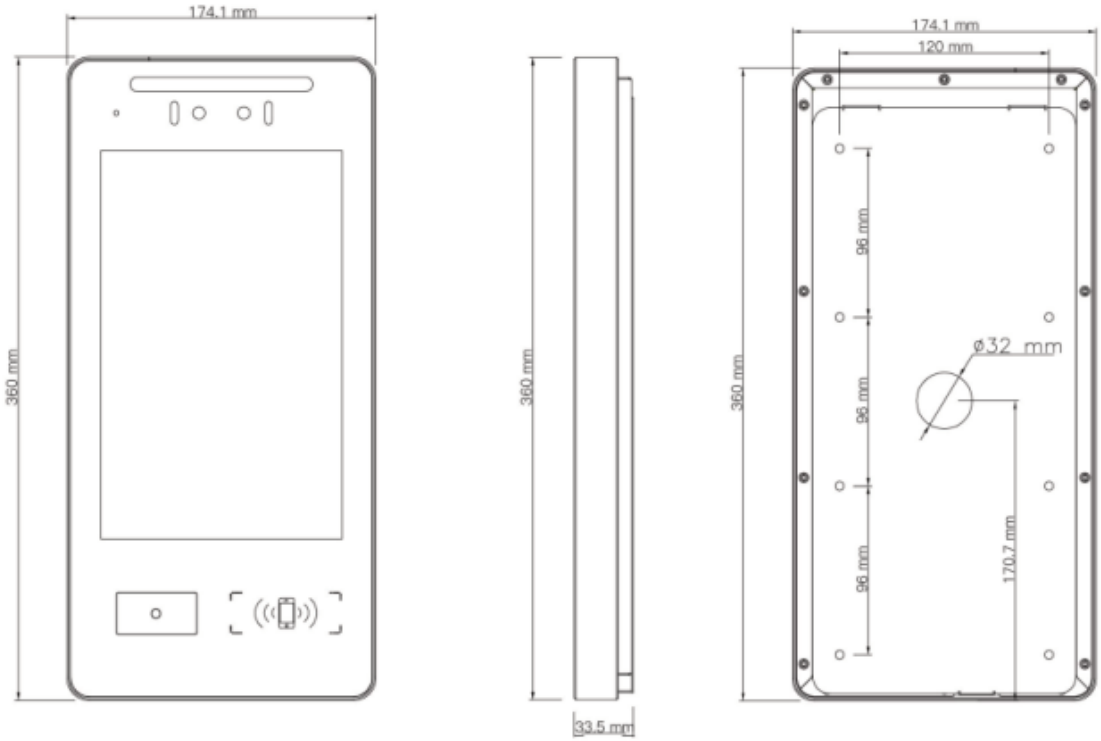
Access Control & Physical Specifications

Authentication, interface, communication and material specifications.

Item	Specification
RF card type	IC (ISO14443A/B), Mifare / CPU
Threshold control function	Support
Person identification	Selectable
Two-dimensional code	Selectable
Palm print recognition	Selectable
External access head	Support
Wiegand output	Support
Opening method	Face recognition, Bluetooth, remote, card swipe, or fingerprint
Access control time period	Support
Normally open	Support
Combination verification	Face + Card / Multi-person Combination Verification
Bluetooth opening distance	Within 10 meters
Communication mode	Standard Ethernet, optional 4G and WiFi
Access control function	1 door magnetic sensor, 1 lock release relay, 1 exit switch, 1 Wiegand input interface, and 485 expansion interface
Incident record	100,000
Housing material	Aluminum alloy
Panel material	Armoured / tempered glass
Installation method	Wall-mounted, gate post
Device size	360 × 174.1 × 33.5 mm
Optional accessories	Rain cover, lock, power supply, door switch, upright column

Product Dimensions

Dimensional drawing for installation planning.



Dimension Summary
Overall size: 360 × 174.1 × 33.5 mm
Installation: Wall-mounted / gate post
Optional items: Rain cover, lock, power supply, door switch, upright column