



# F35

Standalone Access Control Terminal  
Support In-Glass Fingerprint Verification  
With Video Intercom Function



Fingerprint Recognition



RFID



Video Intercom (SIP)



TCP/IP



Wi-Fi



IP65

Compatible with

**ZKBio CVAccess**



## Introduction

F35 from ZKTeco is a standalone access control terminal featuring a video intercom function. F35 adopts in-glass fingerprint verification, offering secure biometric authentication without a dedicated button.

F35 also supports multiple tech card modules for verification, and it can be a time and attendance terminal when integrated with the ZKBioTime software.

Also, one of the notable features of the F35 is that it has a 2.4-inch color monitor, a 2MP camera, a built-in microphone, and speakers for one-way video intercom via indoor monitor with SIP protocol. F35 supports the ONVIF protocol; its firmware has AC push and can convert to TA push.

The aluminium alloy frame of the F35 offers robust protection, and it attained an IP65 protection rating, guaranteeing that this terminal operates in adverse weather.

## Features

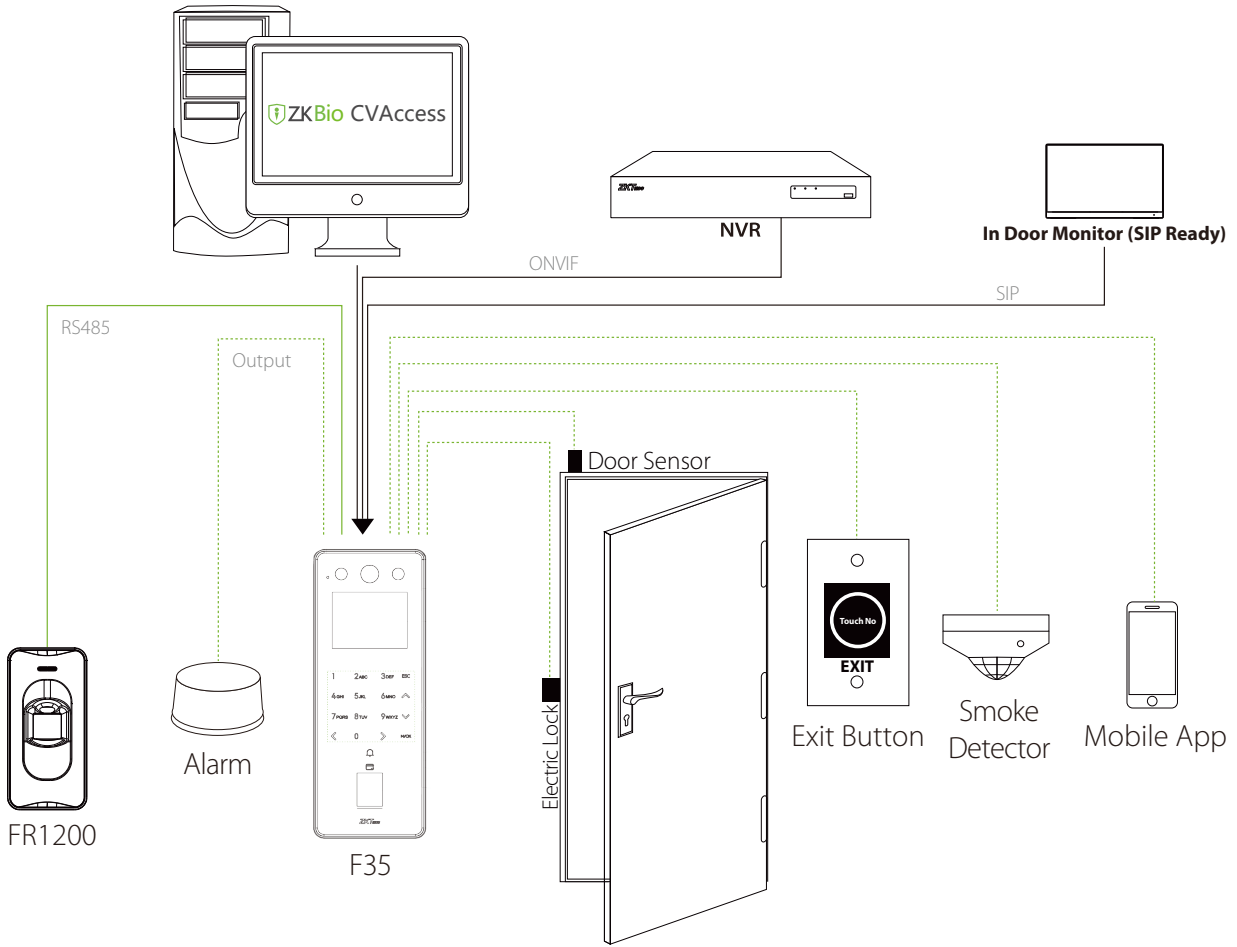
- In-glass fingerprint verification.
- Aluminium alloy frame and 2.5D glass panel.
- Support SIP Client (Ver2.0) for one-way video intercom.
- Fully compatible with ZKTeco SIP Video intercom indoor monitor (VT07-B01 and VT07-B01-W)
- Attained IP65 protection rating with dustproof and waterproof.
- Communication: TCP/IP and Wi-Fi (Optional).
- Support video talk via mobile app: ZSmart.
- Available card modules: 125 kHz ID card (standard) / 125 kHz ID card & 13.56MHz IC card (optional) / Multi tech card (optional): 125kHz & 13.56MHz ID & IC card & DESFire EV1 / EV2 / Felica / HID proxy / HID ICLASS.
- Multiple Verification Methods: Fingerprint / Card / Password.
- Support AC push and convert to TA push.
- Support Doorbell and Wireless Doorbell (Optional).

## Specifications

Model	F35
Display	2.4" @ TFT Color LCD Screen (720*1280)
Camera	Camera @ 2MP

<b>Field of View</b>	Diagonal: 145°, Horizontal: 118°, Vertical: 62°
<b>Operation System</b>	Linux
<b>Hardware</b>	CPU: 1.2GHz Dual Core RAM: 256MB; ROM: 512MB Speaker: 8ohms±20% @1.0W Microphone: *1 (Sensitivity: -29 to -35 dB / Omni-directional / Signal-to-Noise Ratio: 58 dB / Impedance: 2.2 kΩ Fingerprint Sensor: In-Glass Fingerprint (Z-ID)
<b>Authentication method</b>	Fingerprint / Card / Password (Physical Touch Keypad )
<b>User Capacity</b>	10,000 (1:N)
<b>Card Capacity</b>	10,000 (1:N)
<b>Fingerprint Template Capacity</b>	10,000 (1:N)
<b>Transaction Capacity</b>	500,000
<b>Max. User Password Length</b>	6 to 8 Digits
<b>Biometric Verification Speed</b>	less than 0.3 sec (Fingerprint)
<b>False Acceptance Rate (FAR) %</b>	FAR ≤ 0.0001% (ZKFingerprint V10.0)
<b>False Rejection Rate (FRR) %</b>	FRR ≤ 0.01% ; (ZKFingerprint V10.0)
<b>Biometric Algorithm</b>	ZKFingerprint V10.0
<b>Card Type</b>	ID Card@125 kHz (Standard) Optional Multi-Tech Module: Module1: ID & IC & DESFire EV1 / EV2; (125 kHz & 13.56 MHz Dual Frequency) Module 2: ID & IC & DESFire EV1 / EV 2 & FeliCa & Legic & HID Prox (125 kHz & 13.56 MHz Dual Frequency) Module 3: ID & IC & DESFire EV1 / EV2 & FeliCa & Legic & HID Prox & HID iClass (125 kHz & 13.56 MHz Dual Frequency)
<b>Communication</b>	TCP/IP*1 Wi-Fi (IEEE802.11a/g/n) @ 2.4 GHz Wiegand (Input & Output)*1 RS485: ZKTeco RS485 *1 Aux Inputs *1, Aux Outputs *1, Electric Lock*1, Door Sensor*1, Exit Button*1, Alarm*1, Doorbell*1,
<b>Standard Functions</b>	Webserver, ADMS, DST, Photo Capture, Event Photo Capture, Up to 14-digit User ID, Access Levels, Groups, Holidays, Anti Passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods Video Door Phone, ONVIF (Compatible with Profile S, Profile T, Profile G, Profile C, Profile Q & Profile A), AC Push and TA Push, Protocol Switch, HTTPS / SSH Backend Access, T9 Keyboard (Input)
<b>Optional Functions</b>	ZSmart, SIP Client (Ver2.0), Wi-Fi, IC Card, Multi-Tech Module: Module 1 / Module2 / Module 3, Wireless Doorbell
<b>Access Control Interface</b>	RS485 (DM10 Controller 1 Door Expansion (Coming soon) / RS485 Card Reader / Fingerprint Reader)
<b>Power Supply</b>	DC 12V 3A
<b>Operating Temperature</b>	-5°C to 55°C (23 °F to 131 °F )
<b>Operating Humidity</b>	10% to 90% RH (Non-condensing)
<b>Dimensions</b>	195 mm*75 mm*25.35 mm (L*W*H)
<b>Gross Weight</b>	1.13 Kg
<b>Net Weight</b>	0.52 Kg
<b>Supported Software</b>	Software: ZKBio CVAccess / ZKBioTime Mobile App: ZSmart
<b>Installation</b>	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box)
<b>Housing Material</b>	Aluminium Alloy
<b>Ingress Protection Rating</b>	IP65 (waterproof and dustproof) IK04 (Vandal Resistant)
<b>Certifications</b>	ISO14001, ISO9001, CE, FCC, RoHS

# Configuration



# Dimensions (mm)

