



# i68 SIP Audio And Video Outdoor Access Control Terminal

i68 is a SIP audio and video outdoor access control terminal product specially developed for the needs of users in the security industry. It integrates intelligent security, audio and video access control into one. The waterproof and dustproof grade is IP66, and the anti-riot grade is IK07. It adopts a fashionable and ultra-thin design style. Equipped with an 8-inch high-definition color touch screen, built-in high-definition binocular camera and advanced algorithms, it supports liveness detection, is suitable for outdoor scenes, and can provide users with high-quality access control security and communication intercom services.

## Highlights

- ✓ **2 mainstream detection and recognition modalities:** support IC card, mainstream face detection and recognition modalities
- ✓ **8-inch large-screen ultra-thin metal design:** all-metal ultra-thin body, smooth high-gloss edges and 8-inch high-definition color touch screen
- ✓ **High protection grade:** IP66 waterproof and dustproof grade, IK07 explosion-proof grade, suitable for harsh outdoor environment.
- ✓ **Full HD binocular camera capture:** Built-in HD binocular camera, non-contact biometric identification
- ✓ **High-accuracy face recognition algorithm:** anti-spoofing algorithm for image, video, and mask attacks, with a face recognition accuracy greater than 99%
- ✓ **Standard SIP protocol instant messaging:** can be connected to SIP terminals such as IP phones, high-definition audio and video calls, real-time communication intercom



## Generic

- 2 SIP lines, Supports SIP 2.0(RFC3261) and related RFC
- Full duplex call
- Intercom function
- Face recognition
- Swipe to open the door

## Function

- Access mode: face, card, password, remote access door, indoor switch, web page
- Wiegand in/out
- Wi-Fi
- Network time synchronization
- HTTP API

## Capacity

- The face amount 10000
- The card number 10000
- The record number 200000

## Audio

- Narrowband coding: G.711a/u, G.729AB, iLBC
- Broadband coding: G.722, Opus
- Duplex intercom with Acoustic Echo Canceller (AEC)
- Voice Activity Detection(VAD)/ Comfort Noise Generation(CNG)/ Background Noise Estimation (BNE)

- Packet Loss Concealment
- Dynamic adaptive jitter buffer
- DTMF: In-band, Out of Band DTMF (RFC2833) / SIP INFO

## Video

- Sensor: 1/2.8"
- Pixels: 2 Mega +2 Mega
- Video code: H.264

## Network

- 10/100 Mbps Ethernet
- IP mode: IPv4/IPv6/IPv4&IPv6
- IP configuration: Static IP/ DHCP
- Wi-Fi: 2.4Ghz(Voice)

## Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

## Deployment & Management

- Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web management portal
- Web-based Packet-dump
- Configuration export / import
- Firmware upgrade
- Syslog

## Physical Specifications

- LCD: 8 inches(800x1280) color touch screen
- RJ45 port x 1: Connect to the Internet or a local area network
- Relay output x1 (30V/2A)

- Wiegand x2: in x1, out x1
- Short circuit input x2
- Tamper x1
- DC input: 12V / 2A
- PoE grade: 802.3at Class 4
- Working temperature: -10℃ ~ 55℃(access control)
- Working humidity: 10~90%
- Installation mode: Wall mount
- Color: Dark gun
- Device dimensions: 123.8x23x267.13 mm
- Gift box dimensions: 305\*160\*104mm
- Outer CTN dimensions: 344\*332\*241mm (4PCS)

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products. Customers should consult Fanvil's retailers, distributors, or Fanvil directly, if customers have concerns on any feature.

For more information, please visit: [www.fanvil.com](http://www.fanvil.com)

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