



# JUST SIP IT

Dahua Video Intercom SIP 2.0 System



Indoor Monitor



Door Station



Master Station



SIP Server



Mobile App



# What is SIP 2.0 System?

SIP, the Session Initiation Protocol, is a signaling protocol for Internet conferencing, telephony, presence, events notification and instant messaging. It is most widely used to initiate and terminate Voice Over Internet Protocol (VOIP) calls.

The Dahua Intercom SIP 2.0 system is based on standard SIP protocol. Combined with Dahua's original protocol and SIP 1.0 protocol development experience, it integrates Dahua cybersecurity and EU GDPR requirements. In the SIP 2.0 system, all door stations, indoor monitors, master stations, platform servers, and mobile apps can efficiently work together.



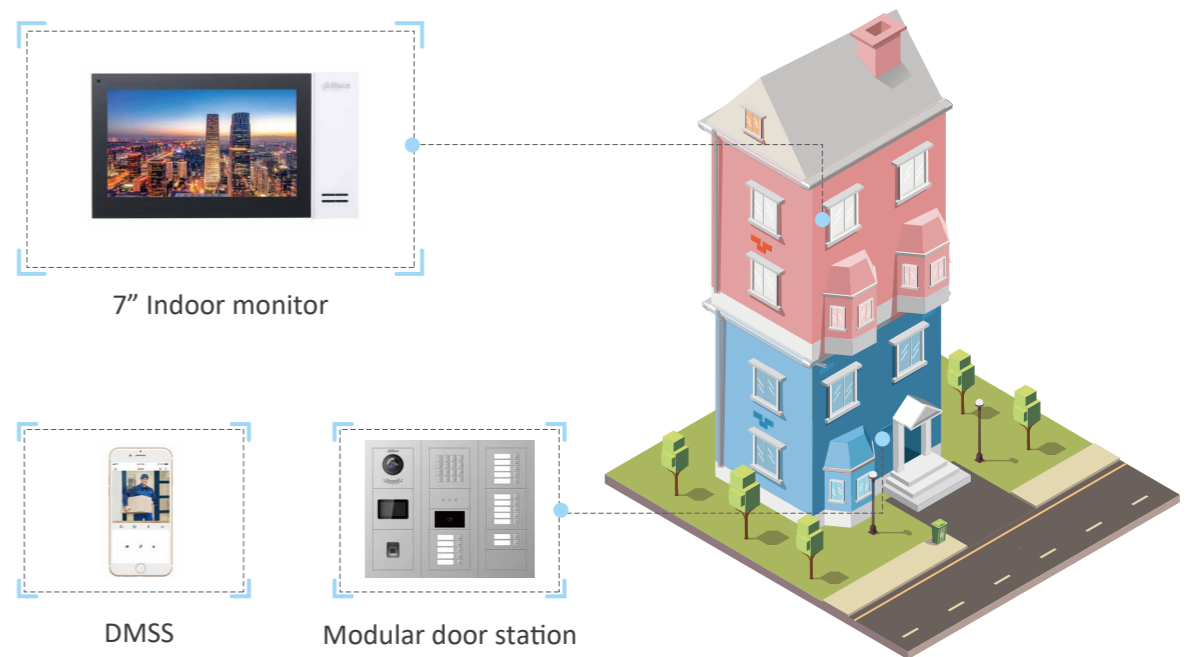
## Why Choose SIP 2.0

- Compatibility**  
 Developed on standard SIP protocol
- High Performance**  
 5,000 indoor monitors are supported by distributed server deployment
- Redundancy Server**  
 Backup server can guarantee that the system will continue to work even when the primary server is down
- Mobile APP**  
 Villas and small apartments can use DMSS, while the DSS Mobile for VDP is ideal for big apartments
- IP Based**  
 Villas and small apartments can use DMSS, while the DSS Mobile for VDP is ideal for big apartments
- All-in-One**  
 CCTV, Video Intercom, Access Control, and Alarm System, all in one platform
- Privacy Protection**  
 Complies with EU GDPR
- Security**  
 Compliant with Cybersecurity and transmission encryption
- Multiple Authorizations**  
 Card swiping, password, fingerprint, face
- Flexible Rules**  
 Offers flexible room number rule definition using letters and numbers

## How to Deploy SIP 2.0 System

### Small Apartment

Modular door station can connect up to 200 indoor monitors and 40 households (each station allows max. 8 pcs of 5-button modules). It can be flexibly matched with buttons, display, card swiping, fingerprints, etc. The DMSS mobile phone app can also be used to answer and unlock doors.



## Community

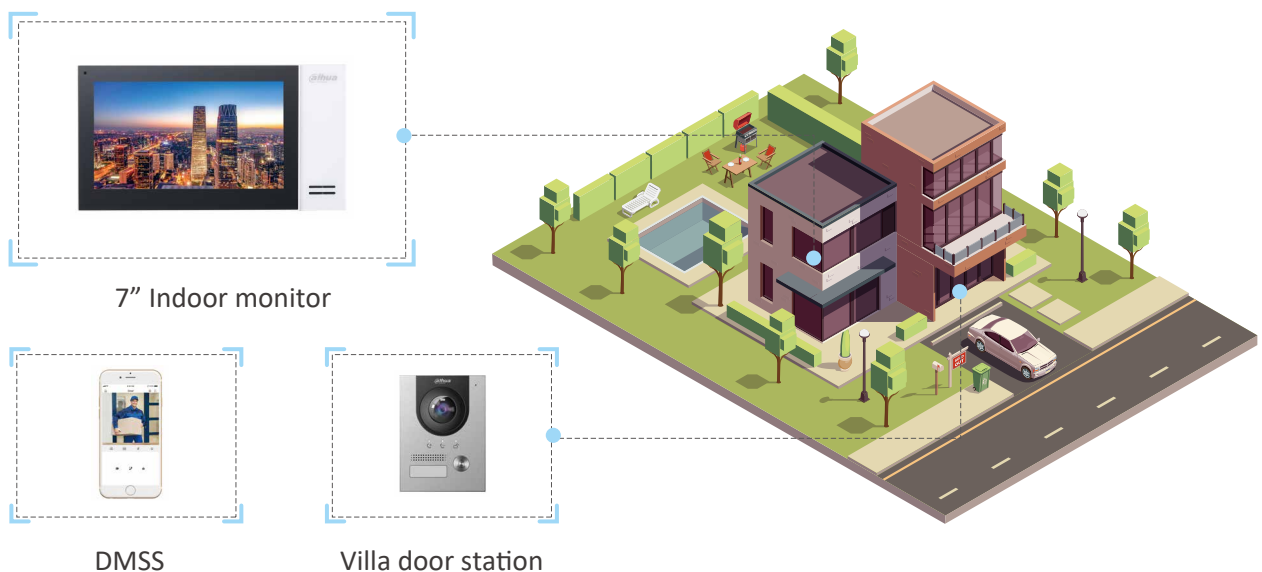
Our community solution includes door station, indoor monitor, master station, fence door station, mobile App.

A small residential complex can directly deploy door station as SIP server, with maximum capacity of 200 households. Communities of larger sizes can use DSS Pro, DSS4004-S2 or DSS7016-S2 as server, which can cover 2,000 households max.



## Villa

For villas, multiple door stations and indoor monitors are ideal. The DMSS mobile app can also be used for alarm notifications, intercom, and remote door unlocking. VTO2202F-P and VTH2421FW-P can be installed with standard POE switch. In addition, this solution also offers 2.0 MP, 160° field of view, and high definition 7-inch capacitive touch screen, providing a clear monitoring scene.





## Recommended Products

### Villa door station

#### VTO2202F-P-S2

- Aluminum, IP65, IK07
- 2.0 MP, 160° fisheye
- 2-wire-IP interface and Ethernet port
- Surface & Flush
- Standard POE



### Villa door station

#### VTO2211G-WP /VTO2211G-P

- PC+Acrylic , IP65
- 2.0 MP, H:125°
- IR illumination and night vision
- Surface
- Standard POE



### 8" face recognition door station

#### VTO7541G

- 8" capacitive touch screen
- Face recognition/fingerprint/card/password
- Aluminum, IP66, IK07,
- 2.0 MP
- Surface & Flush



### Modular door station

#### VTO4202F-X series

- Multiple modules: 1 button, 2 buttons, 5 buttons, screen, LED indicator, RFID, fingerprint
- Aluminum, IP65, IK07
- 2.0 MP, 160° fisheye
- 2-wire-IP interface and Ethernet port
- Surface & Flush
- Standard POE



### Master station

#### VTS5340B

- 10" capacitive touchscreen
- 1024x600
- Desk installation



### SIP Server

#### DSS Pro DSS7016-S2 DSS4004-S2

- Single server
- DSS Pro SIP ID<1000
- DSS4004-S2 SIP ID<1000
- DSS7016-S2 SIP ID<2000



### Apartment App

#### DSS Mobile for VDP

- DSS7016-S2:  
Register count 5,000  
Online Simultaneous: 500
- DSS4004-S2:  
Register count 5,000  
Online Simultaneous:500
- Intercom, monitoring, and VTO unlocking
- Call center via app



### Villa App

#### DMSS

- Register count 30
- Online Simultaneous: 8
- Intercom, monitoring and unlocking
- Alarm notification



# ENABLING A SAFER SOCIETY AND SMARTER LIVING

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\* Design and specifications are subject to change without notice.

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