

VOIP COMMUNICATION EXPERT

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Brochure V1.1

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ABOUT FANVIL

Headquartered in Shenzhen, China, Fanvil Technology Co., Ltd., is a global brand of VoIP communication endpoints. Founded in 2002, with two R&D centers, we have been investing R&D heavily annually, to offer high-quality, cost-effective VoIP products, to facilitate better communication and build safer community.

Fanvil has established distribution channels all over the world, including countries and regions in North America, European Union, Asia Pacific, South America, Africa. Millions of Fanvil products have been certified by CE, FCC etc. Fanvil's products and solutions have assisted more and more business to lower communication costs, increase security protection and enhance productivity. We sincerely welcome worldwide partners to join us to expand Fanvil value together.

“
FANVIL'S
PRODUCT
LINE
INCLUDES
”



X Series Business IP Phones



C Series Smart Video IP Phones



H Series Hotel IP Phones



i Series Intercoms and
Door Access Control Terminals



Accessories including headset,
USB bluetooth adapter etc.

FANVIL DISTRIBUTION NETWORK



North America

America, Canada, Mexico

Europe

Albania, Belgium, Bosnia-Herzegovina, Bulgaria, Cyprus, Czech, England, France, Georgia, Germany, Greece, Israel, Italy, Lithuania, Malta, Moldova, Netherlands, Poland, Portugal, Slovenia, Spain, Sweden, Turkey, Romania, Russia, Ukraine,

South/Central America

Argentina, Brazil, Columbia, Belize, Chile, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Peru, Paraguay, Uruguay

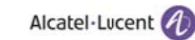
Africa

Coast, Egypt, Ivory Ghana, Kenya, Morocco, Nigeria, Senegal, South Africa, Tanzania, Togo, Uganda,

Asia-Pacific

Australia, Bangladesh, China, Dubai, India, Indonesia, Iran, Malaysia, New Zealand, Saudi Arabia, Singapore, South Korea, Thailand, Vietnam,

TECHNOLOGY PARTNER





X SERIES COLOR SCREEN IP PHONES

Enhance Your Business Communication

The Fanvil IP phones facilitate your business communication, so that you can accelerate your team performance and maximize your business results. Range from entry level to advanced IP phones, Fanvil X series color screen IP phone is an ideal cost-effective solution for small-to-large companies.









Fanvil X210 High-End Enterprise IP Phone

Deliver Convenience and Productivity



Key Features

- 20 SIP lines, 3-way conference, hotspot
- HD audio on speakerphone and handset
- 4.3" main color display
- 2x3.5" side color displays for DSS keys
- Up to 106 DSS keys (42 tri-colored physical keys)
- Built-in Bluetooth
- Wi-Fi connectivity (via Wi-Fi dongle)
- Support EHS headset
- Dual Gigabit ports, integrated PoE
- Video Codec H.264 support for receiving video calls
- Stand with 2 adjustable angles of 40 and 50 degrees
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch etc.

 20 lines	 HD Voice	 3 Color Screens
 Built-in Bluetooth	 106 DSS Keys	 Wi-Fi Connectivity

MAIN FUNCTION

Deliver Convenience and Productivity

HD³

HD audio for speakerphone and handset

With newly-added support for Opus and a large audio cavity, X21 brings strong, abundant low frequency effect. The speaker adopts full net coverage, delivering crystal clear, life-like voice communication.



20 SIP Lines

106
DSS

Unified Designed With Two Side Displays For Up To 106 DSS Keys

Convenient operation on X210 with two 3.5" side DSS Key displays, no need to add external extension modules. Up to 106 DSS keys are available in total for BLF, speed dial, group broadcasting function etc.

Bluetooth / Wi-Fi



Bluetooth / Wi-Fi Connectivity

X210 offers a variety of device connections including Wi-Fi (via Wi-Fi dongle), integrated Bluetooth, EHS headset, USB port for charging smartphone or other devices.



4.3" main color display 2x3.5" side color displays

Elegantly designed and featuring a large 4.3" high-resolution color display and two convenient 3.5" side color displays make using this IP phone more intuitive than ever.



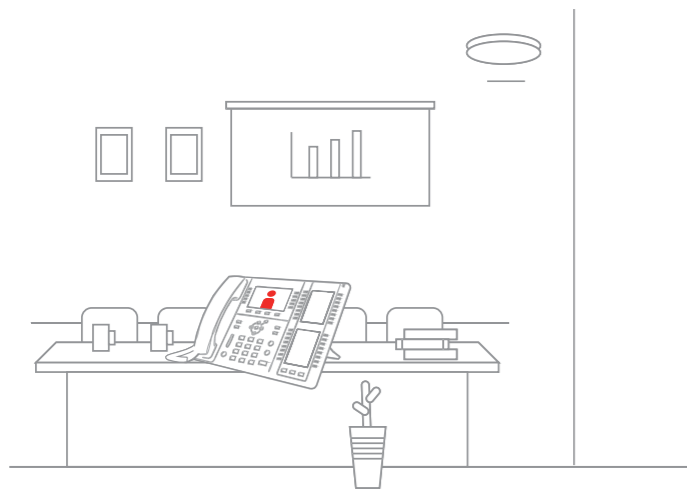
PoE 1000M

Gigabit Ethernet with PoE Integrated

Two Gigabit ports for advanced connectivity allow you to connect your desktop computer or laptop on the phone. Featuring PoE, simply plug in an Ethernet cable, and your X210 will be ready to go, which help eliminate messy power cords on your desk.

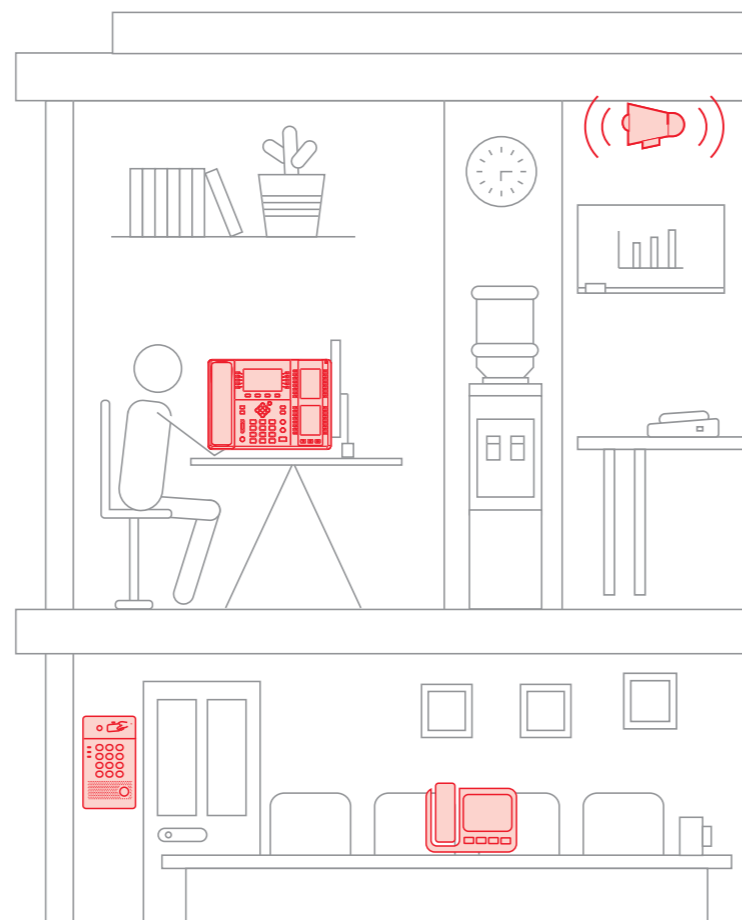
Deliver HD Video Call with IP Camera/ SIP Video Door Phone Integration

Equipped with video codec H.264, X210 enables to be integrated with your IP camera or Fanvil SIP video door phone, so that you can have a two-way talk with visitors and unlock the door from your X210 IP phone if you deem them worthy.



DIY Solution with Hotspot Function

X210 can be used as a mini PBX, to DIY a small communication & security solution. Connect Fanvil devices such as VoIP phone, SIP door phone, SIP speaker to X210 IP phone by network connections, forming a small DIY system through hotspot function of X210, with no need to buy a PBX.



Fanvil X7/X7C High-End Business IP Phone

With Touch Screen And Built-in Bluetooth

HD

HD audio for speakerphone and handset



7-inch Capacity Touch Screen (X7)
* 5-inch for X7C



Gigabit Ethernet with PoE Integrated



IP Camera/SIP Video Door Phone Integration for door monitoring and one-touch unlocking

Key Features

- 20 SIP lines, 3-way conference, hotspot function
- HD audio on speakerphone and handset
- 7-inch (800*480) capacity touch screen TFT LCD for X7 (5-inch for X7C)
- Up to 127 DSS soft keys on X7 (60 for X7C)
- Built-in Bluetooth for connecting Bluetooth headset
- Wi-Fi connectivity (via Wi-Fi dongle)
- Dual Gigabit ports, integrated PoE
- Video codec H.264 support for receiving video calls
- Support EHS headset
- Stand with 2 adjustable angles of 40 and 50 degrees
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch etc.

Up to 127 DSS Soft Keys (X7)
* Up to 60 DSS soft keys for X7C



Bluetooth
Built-in Bluetooth Wi-Fi Connectivity



X7C

Fanvil X6 High-End Business IP Phone

with Advanced Features



Key Features

- 20 SIP lines, HD voice, 3-way conference, hotspot
- 4.3 inch(480*272 pixels) color main display
- Two 2.4 inch side color displays for DSS keys
- Up to 60 DSS keys(12 physical), to provide dynamic DSS/BLF functions
- Gigabit Ethernet (10/100/1000 Mbps) with PoE integrated
- Support call center headset (RJ9 port)
- Electronic Hook Switch (EHS) support for wireless headsets
- One USB port for call recording(flash drive needed), and Bluetooth headset (USB Dongle needed)
- Support LDAP, XML phonebook
- Standard Certifications: CE / FCC
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch etc.

20
line

20 lines

HD

HD Voice

3
Color
Screens

3 Color Screens

1000M

Gigabit Network

60
DSS

60 DSS Keys

USB

USB Port

MAIN FUNCTION

Fanvil X6 High-End Business IP Phone

Video Display Available

With video codec H.264, Fanvil X6 can display videos smoothly. You can receive video call with X6, and It is perfect for linkage with IP camera, video access control system etc.



Configurable DSS Keys, Flexible Customization

60
DSS

Coupled with the side integrated displays, Fanvil X6 allows you to set up 60 DSS keys (12 physical keys) to manage group calls and speed dial/function keys by displaying all information dynamically, saving your time to greatly enhance work efficiency.





4.3" Main Color Screen 2×2.4" DSS Screens

Elegantly designed and featuring a large 4.3" high-resolution color display and two convenient 2.4" side DSS screens make using this IP phone more intuitive than ever.

Bluetooth



Support Bluetooth Headset

With a built-in USB port, Fanvil X6 supports Bluetooth headset for handsfree convenience.

*USB dongle needed



Gigabit Ethernet with PoE Integrated

The Gigabit Ethernet switch for advanced connectivity, help you enjoy greater convenience and efficiency. Featuring PoE (power over Ethernet), simply plug in an Ethernet cable, and your IP phone will be ready to go, which help eliminate messy power cords on your desk.

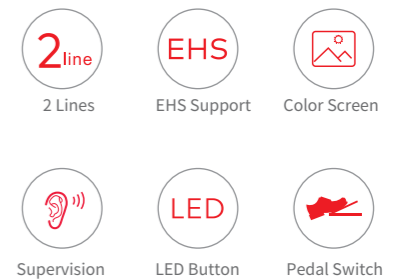


Fanvil X2P/X2C IP Phone

The Most Professional IP Phone For Call center

Key Features

- Professional IP Phone customized for call center
- 2 SIP lines, 3-way conference
- 2.8" (320*240 pixels) color screen(X2P), 128*48 pixels black-and-white screen(X2C)
- Support call center headset (RJ9 port, 3.5mm jack)
- Electronic Hook Switch (EHS) support for wireless headsets
- LED keypads of Mute, call holding and auto answering.
- Support off-hook/on-hook by pedal switch
- 10/100Mbps Ethernet with PoE integrated(for X2P)
- Support LDAP, XML phonebook
- Standard Certifications: CE / FCC
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch etc.



MAIN FUNCTION

Fanvil X2P/X2C IP Phone

Color Screen With Friendly Interface

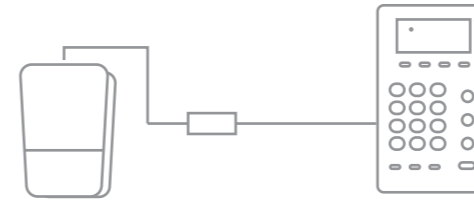
2.8"(320x240 pixels) color-screen LCD delivers rich information. The friendly interface brings an enjoyable visual and operation experience to the user.

For X2P



Space-saving

X2P/X2C is designed with space-saving in mind, to be suitable for small office desk in call center.



Pedal Switch Improving Your Efficiency

Customized for call center, X2P/X2C supports off-hook/on-hook by pedal switch. It's the first IP phone can be controlled by foot in VoIP area.



Effective Call Monitor

Two RJ9 ports separately for headset and supervision, great use for call center/telephone marketing trainings, no need to buy a telephone training adapter.



Fanvil X2P IP Phone



Headset, MIC and Ringing Volume Adjustable

Headset, MIC and ringing volume are adjustable by IP Phone X2P/X2C, giving you more convenience.



LED Keypads to Improve Efficiency

LED keypads for Mute/Hold/Auto-answer, more convenient and intuitive to improve your working efficiency.

X3S/X3SP/X3G Entry-Level Business IP Phone

With Color Screen and HD Voice

HD
Superb HD Audio Quality

PoE
Gigabit Ethernet with PoE Integrated(X3G)

EHS
Support EHS



Key Features

- 2 SIP lines, HD voice, 3-way conference, hotspot
- 2.4 inch (X3S, X3SP)/2.8 inch (X3G) color screen
- 10/100 Mbps Ethernet (X3S, X3SP), 10/100/1000 Mbps Ethernet(X3G)
- PoE enabled for X3G, X3SP
- Support call center headset (RJ9 port)
- Electronic Hook Switch (EHS) support for wireless headsets
- Support LDAP, XML phonebook
- Desktop / Wall-mount installation
- Standard Certifications: CE / FCC
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch etc.

X SERIES COLOR SCREEN IP PHONES

X5S



- 16 SIP lines, HD voice, 3-way conference, hotspot
- Dual-screen, 3.5 inch for main color screen, 64*192 for DSS monochrome screen
- Up to 40 DSS keys(8 physical), to provide dynamic DSS/BLF functions
- Gigabit Ethernet (10/100/1000 Mbps) with PoE enabled
- Support call center headset (RJ9 port)
- Electronic Hook Switch (EHS) support for wireless headsets
- One USB port for call recording(flash drive needed), and Bluetooth headset (USB Dongle needed)
- Support LDAP, XML phonebook
- Desktop / Wall-mount installation
- Standard Certifications: CE / FCC
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch etc.

X4/X4G



- 4 SIP Lines, HD voice, 3-way conference, hotspot
- Dual-color screen, 2.8 inch for main screen, 2.4 inch for DSS screen
- Up to 30 DSS keys(6 physical), to provide dynamic DSS/BLF functions
- 10/100 Mbps Ethernet (X4), 10/100/1000 Mbps Ethernet (X4G)
- Power over Ethernet (PoE) enabled
- Support call center headset (RJ9 port)
- Electronic Hook Switch (EHS) support for wireless headsets
- Support LDAP, XML phonebook
- Desktop / Wall-mount installation
- Standard Certifications: CE / FCC
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch etc.

X1/X1P (For Specified Countries)



- 500 contacts directory, caller IP, call holding / restoring, call transfer, supports headset
- 2-line operation allows you to dial and receive calls on two different phone lines
- Easy installation and web-based configuration
- Fast Ethernet—10/100Mbps Ethernet with PoE(X1P) enabled
- Support 3-party conference.
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch etc.

X SERIES COLOR SCREEN IP PHONES



Fanvil X1/X1P

Fanvil X2P/X2C

Fanvil X3S/SP/G

Fanvil X4/G

Fanvil X5S

Fanvil X6

Fanvil X7C

Fanvil X7

Fanvil X210

Photo									
Main LCD	128x48 Lattice Screen	2.8inch 320x240 LCD (X2P) 128x48 Lattice Screen (X2C)	2.4" 320x240 LCD (X3S/X3SP) 2.8 inch 320x240 LCD (X3G)	2.8" 320x240 LCD	3.5" 480x320 LCD	4.3" 480x272 LCD	5" 800x480 LCD	7" 800x480 LCD (Touch Screen)	4.3" 480x272 LCD
Second LCD	N/A	N/A	N/A	2.4"320x240 TFT LCD*1	64x192 dot-matrix*1	2.4"320x240 TFT LCD*2	N/A	N/A	3.5"480x272 TFT LCD*2
Line	2	2	2	4	16	20	20	20	20
DSS Key	N/A	N/A	N/A	30	40	60	60	127	106
Ethernet Ports	10/100Mbps	10/100Mbps	10/100Mbps (X3S/SP) 10/100/1000 Mbps(X3G)	10/100Mbps(X4) 10/100/1000 Mbps(X4G)	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
EHS	×	✓	✓	✓	✓	✓	✓	✓	✓
Headset Ports	RJ9	RJ9, 3.5mm	RJ9	RJ9	RJ9	RJ9	RJ9	RJ9	RJ9
Bluetooth	N/A	N/A	N/A	N/A	Via USB Dongle	Via USB Dongle	Built-in	Built-in	Built-in
PoE	N/A (X1) ✓ (X1P)	N/A(X2C) ✓ (X2P)	N/A(X3S) ✓ (X3SP/X3G)	✓	✓	✓	✓	✓	✓
Keys	24	23	32	38	38	46	43	26	77
HD Voice	N/A	N/A	HD handset, HD speaker	HD handset, HD speaker	HD handset, HD speaker	HD handset, HD speaker	HD handset, HD speaker	HD handset, HD speaker	HD handset, HD speaker
BLF	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓
3-way Conference	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto Provision	TFTP/FTP/HTTP/HTTPS/PnP	TFTP/FTP/HTTP/HTTPS/PnP	TFTP/FTP/HTTP/HTTPS/PnP	TFTP/FTP/HTTP/HTTPS/PnP	TFTP/FTP/HTTP/HTTPS/PnP	TFTP/FTP/HTTP/HTTPS/PnP	TFTP/FTP/HTTP/HTTPS/PnP	TFTP/FTP/HTTP/HTTPS/PnP	TFTP/FTP/HTTP/HTTPS/PnP
OpenVPN	✓	✓	✓	✓	✓	✓	✓	✓	✓
Remote Phonebook	LDAP, XML	LDAP, XML	LDAP, XML	LDAP, XML	LDAP, XML	LDAP, XML	LDAP, XML	LDAP, XML	LDAP, XML

C SERIES ANDROID-BASED IP PHONES

Superb Communication Experience

Fanvil C400/C600 is Android operating system based video IP phone that delivers ease of use with superior performance. Features 7 inch smart large touch screen, 720P HD video, and crystal clear voice, Gigabit Ethernet with POE integrated, Fanvil C Series could promote your business productivity with the enhancing visual communication.



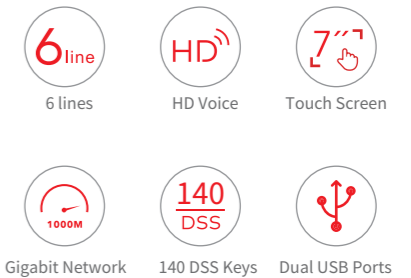
Fanvil C600/C400 Smart Video IP Phone

Enhancing Visual Communication



Key Features

- Android 4.2 operating system
- 6 SIP lines, HD voice, 3-way conference
- Support up to 140 DSS keys, to provide dynamic DSS/BLF functions
- 7 inch TFT 800×480 capacitive multi touch screen
- Video call resolution: QCIF/CIF/VGA/4CIF(1280*720P C600 only)
- CPU Freescale core quad 1 GHz
- Dual USB ports for call recording(flash drive needed), and Bluetooth headset(USB Dongle needed)
- Dual-port Gigabit Ethernet (10/100/1000 Mbps) with PoE enabled
- Support U Disk/TF card upgrade
- Standard HDMI port
- Support TF card up to 32GB
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch etc.





H SERIES HOTEL IP PHONES

Full-Featured. Cost-Effective. Elegant Design

Fanvil's affordable H series IP Phone is designed for hotels. It features excellent voice quality and powerful functionality, delivering premium and cost-effective communication services. And its sleek, ergonomic, elegant design is perfect for hotels.









Fanvil H5

Elegant High-End Hotel IP Phone

Key Features

- Fashion and elegant appearance
- 3.5 inch (480×320) color screen
- 1 USB port for phone charging
- 6 customized soft keys for speed dial functions including housekeeping, ticket-booking, switchboard, ordering food, wake-up call service etc.
- Power over Ethernet(PoE) integrated
- Call hold, Redial, Call transfer, Hotline, Voice Mail etc.
- Support configurable dial plan
- Fanvil unique Hotspot function- several phone can share one number from server, and each phone has its extension number to contact/transfer/conference others
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch, Avaya etc.

 1 SIP Line	 6 Programmable keys	 1 USB Charging Port
 PoE	 Indicator Light	 3.5" Color Screen

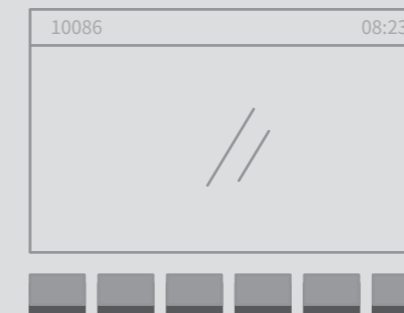
Elegant High-End Hotel IP Phone

MAIN FUNCTIONS



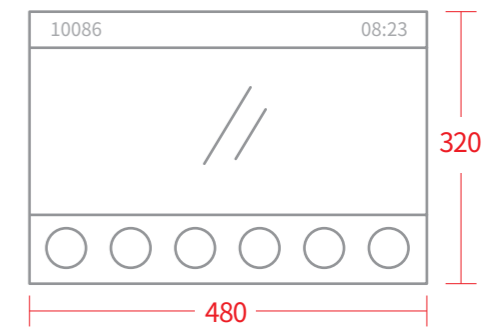
Fashion and Elegant Design

Fanvil H5 is specially designed for hotel. It is perfect for hotel with stylish, elegant appearance.



6 Programmable Keys

6 customized soft keys for speed dial functions including housekeeping, ticket-booking, switchboard, ordering food, wake-up call service etc.



Color Screen With Friendly Interface

3.5" (480x320 pixel) color-screen display hotel information, intuitive for users.



USB Port For Charging

1 USB port for charging cellphones/pads, no need to worry if your plug is not standard locally.

H SERIES HOTEL IP PHONES

H3



- Fashion and elegant appearance
- 6 customized soft keys for speed dial functions including housekeeping, ticket-booking, switchboard, ordering food, wake-up call service etc.
- Call hold, Redial, Call transfer, Hotline, Voice Mail etc.
- Power over Ethernet(PoE) integrated
- Support configurable dial plan
- Fanvil unique Hotspot function- several phone can share one number from server, and each phone has its extension number to contact/transfer/ conference others
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch, Avaya etc.



H2S



- Clean and elegant appearance
- Keypad dialing(17 keys)
- Power over Ethernet(PoE) integrated
- Wall -mount available
- Function keys for call hold, redial, transfer
- Support configurable dial plan
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Metaswitch, Avaya etc.



i

i SERIES INTERCOMS AND ACCESS CONTROL SYSTEM

Robust. Quality Tested. Stylish

The i Series inherits the stability, HD sound quality and compatibility of Fanvil VoIP phones, which have over 15 years of experience. i Series is perfectly compatible with major SIP-based IPPBX/IMS platforms such as AVAYA, Asterisk, Broadsoft, 3CX, Elastix, FreeSWITCH etc. Besides, i series features exceptional HD video, high-fidelity audio, reliable protection design, flexible access methods, meeting the special demands of various industries.

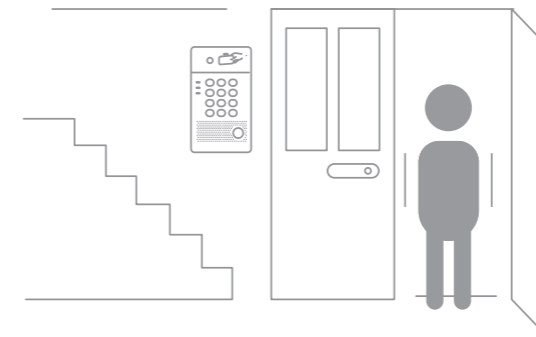


i30 SIP Video Door Phone

Fanvil i series



SCENES TO BE USED

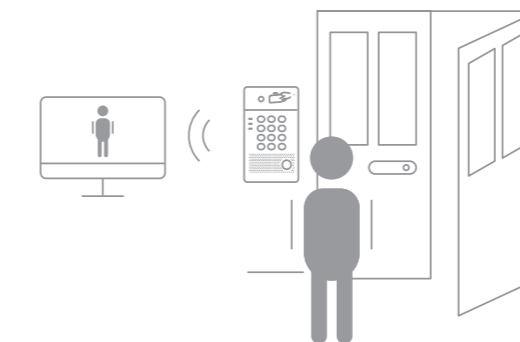
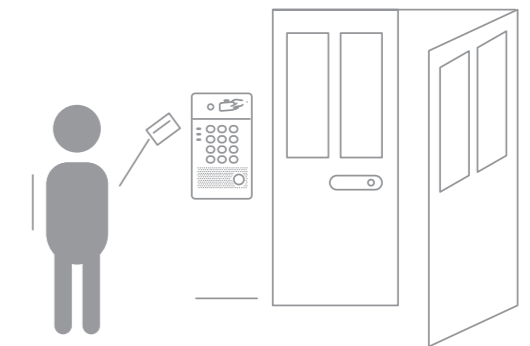


EASY COMMUNICATION IN OFFICE/APARTMENT

It could be installed in the entrance door of office/apartment for better and safe communication for visitors.

ACCESS CONTROL SYSTEM

Connection with electric door lock, the i30 door phone could be used as access control system with various door open ways with traceable access history/list.

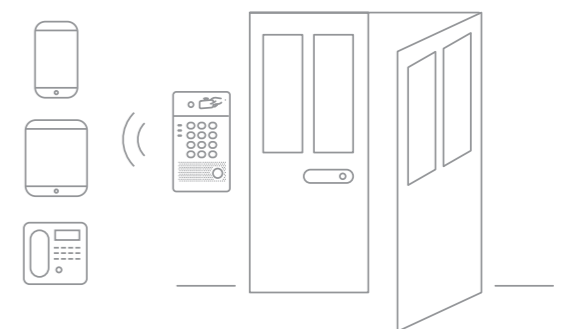


CONNECTION WITH CCTV/NVR

The video stream of i30 built-in camera could be easily integrated with CCTV system via RTSP.

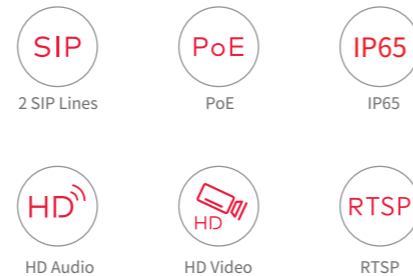
SIP VIDEO CALL TO VARIOUS DEVICE

The i30 could be used for SIP Video call to pointed numbers and be checked on various devices like SIP phone, soft phone and mobile APP.

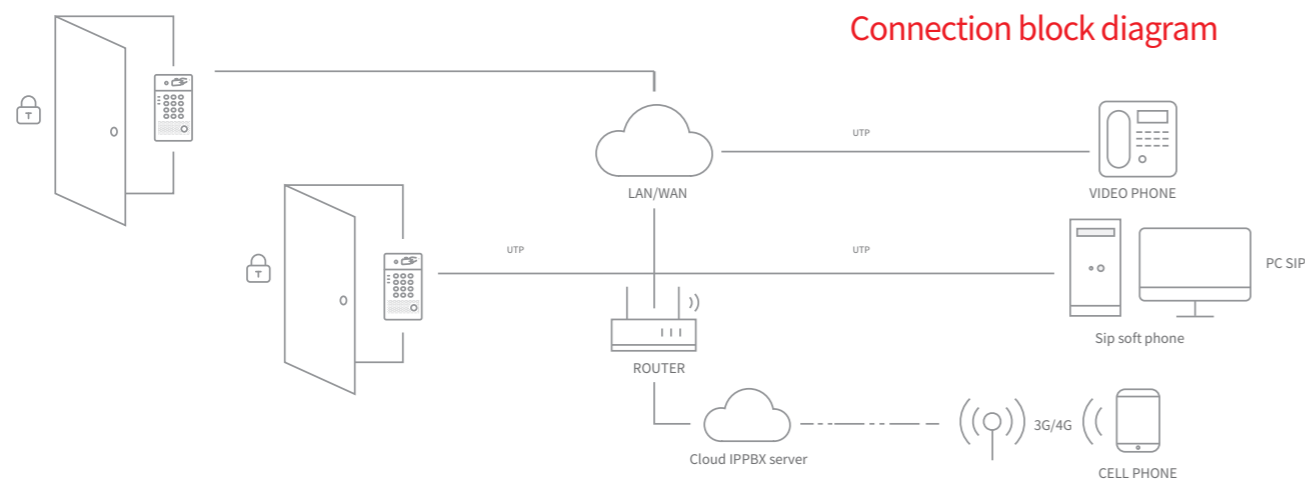


Key Features

- Standard SIP protocol, compatible with major popular IP PBX/IMS platforms
- Built-in HD camera with infrared night vision, adopt H.264 codec
- Access control by call, code, IC/RFID card
- All-in-one (Access control, Intercom and Broadcasting)
- HD voice speech quality with built-in 3W speaker and Acoustic Echo Canceller (AEC)
- IP65 waterproof and dustproof
- Support online management and upgrade



Connection block diagram

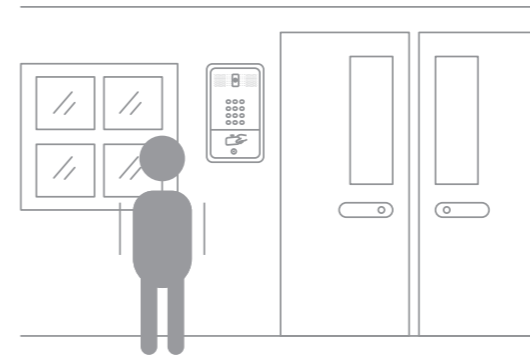


i31S SIP Video Door Phone

Fanvil i series



SCENES TO BE USED

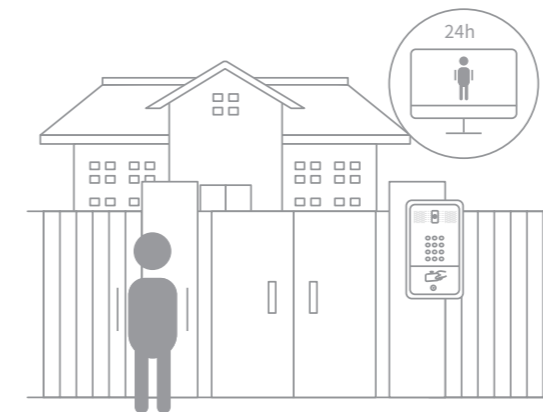
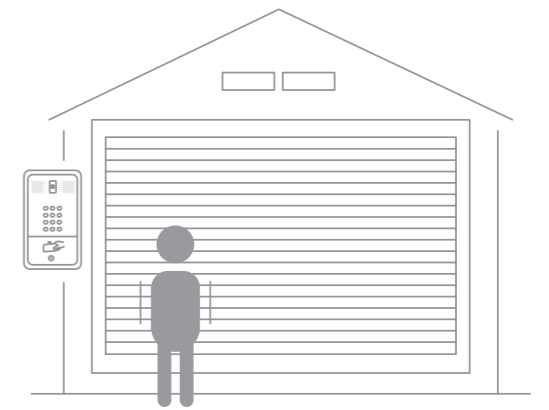


SAFETY FOR WAREHOUSE

With the RFID card reader, it could be a part of access control system, and also an intercom for better communication.

SECURITY PROTECTION FOR SCHOOL

With built-in HD camera, the i31S could be installed in the entrance door to check visitors and track all entry lists.

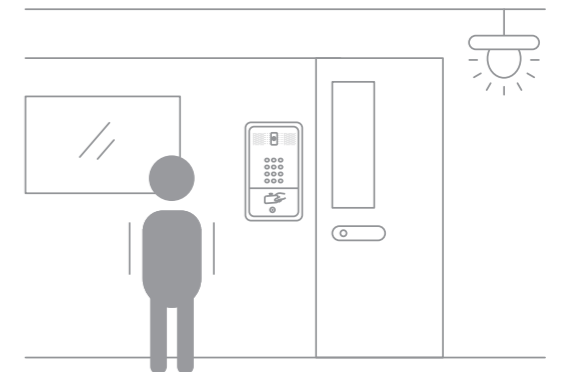


24H VIDEO SURVEILLANCE

Connection with CCTV system, the i31S could be used for 24H video monitoring.

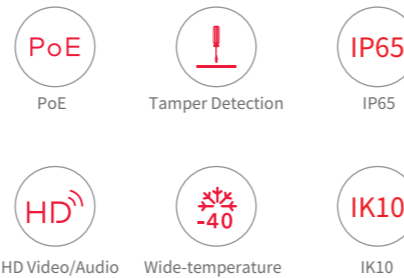
CLEAR NIGHT VISION

With built-in infrared LED for HD camera, visitors could be checked clearly even at night.

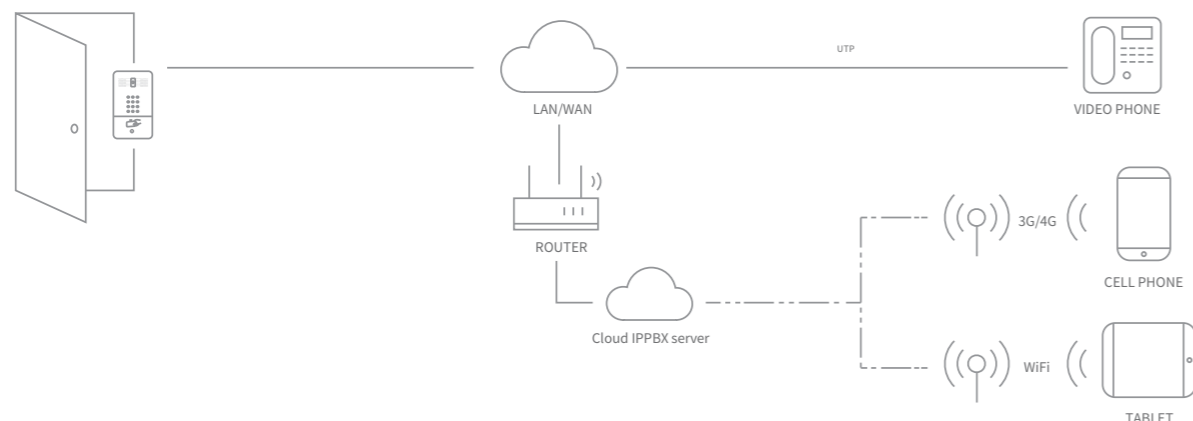


Key Features

- Standard SIP protocol, compatible with major popular IP PBX/IMS platforms
- Built-in HD Camera with infrared night vision
- Access control by call, code, IC/RFID card
- All-in-one (Access control, Intercom and Broadcasting)
- HD voice speech quality with built-in 3W speaker and Acoustic Echo Canceller (AEC)
- IP65 waterproof and dustproof
- IK10 anti-collision with robust die-cast aluminum frame
- -40°C to 70°C wide range temperature adaptability
- Support online management and upgrade



Connection block diagram

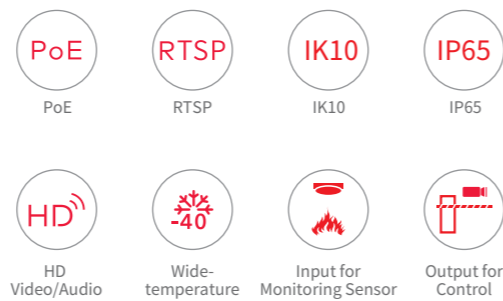


SIP Video Intercom i18S

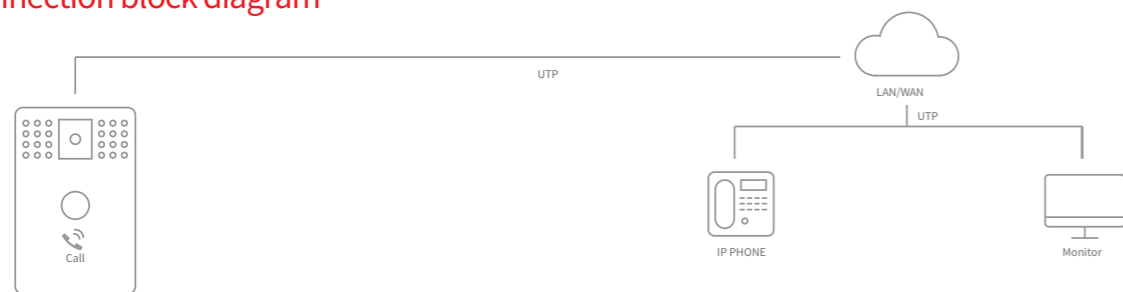
Fanvil i series

Key Features

- Standard SIP protocol, compatible with major popular IP PBX/IMS platforms
- Build-in HD camera with infrared night vision, adopt H.264 codec
- HD voice speech quality with built-in 3W speaker and Acoustic Echo Canceller (AEC)
- IP65 waterproof and dustproof
- IK10 anti-collision with robust die-cast aluminum frame
- Anti-tamper- alarming as long as the cover is apart from the housing, and reporting to the control center at the same time
- -40°C to 70°C wide range temperature adaptability
- Built-in 1 short-in detect port and 1 short-out control port
- Support online management and upgrade



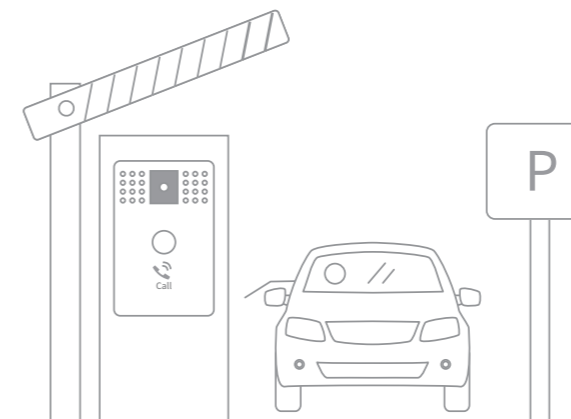
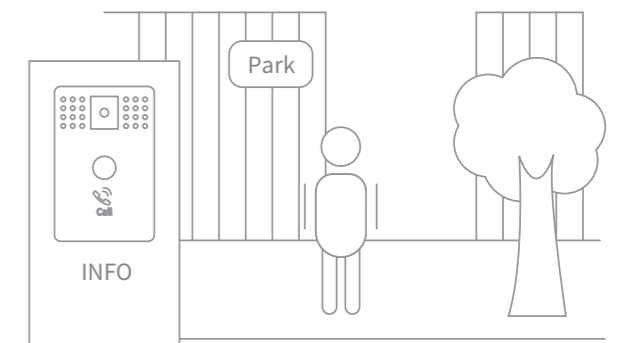
Connection block diagram



SCENES TO BE USED

INFORMATION/HELP IN PUBLIC AREA

Robust, waterproof and dustproof design which makes it suitable to be operated as information/help point in public areas like downtown, parks, crossroads, library etc.

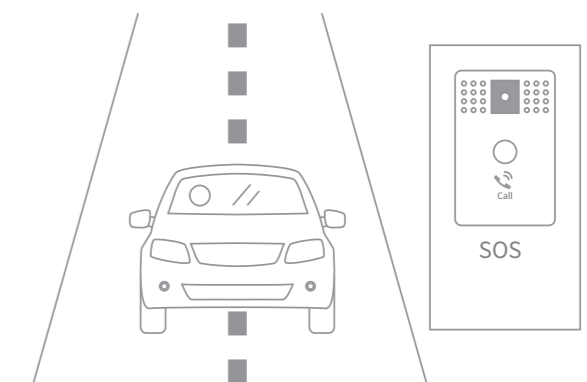


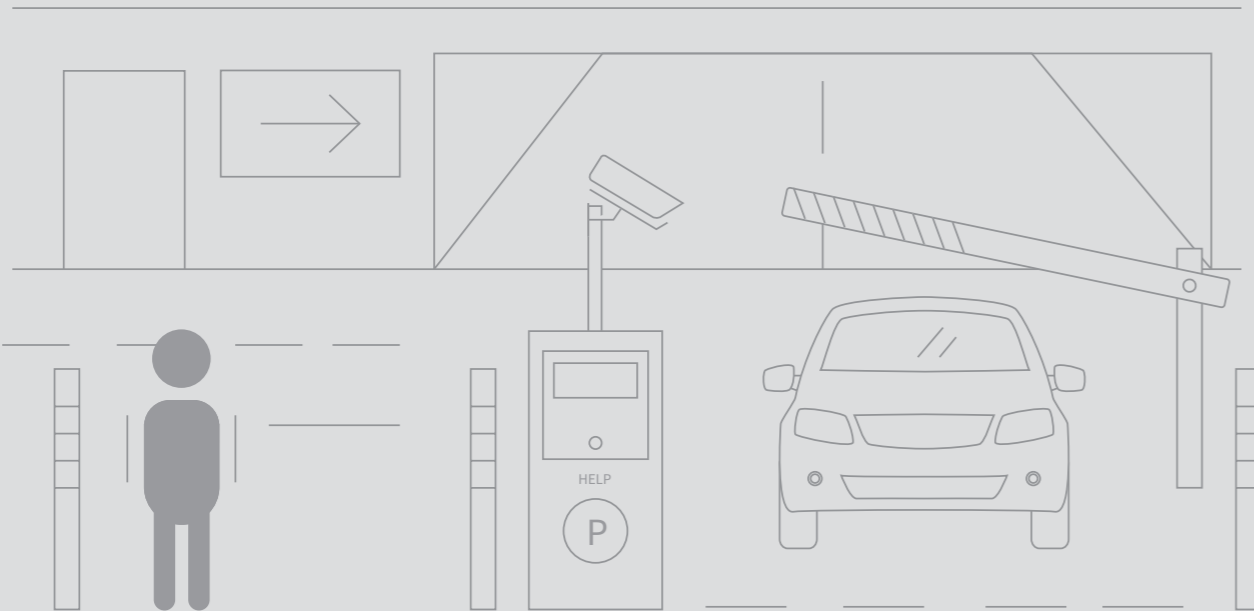
ON-SITE ASSISTANT FOR PARKING LOTS

Convenience to get the remote assistance/help in the entrance/exit or help point in the parking lot when unexpected cases happened: Barrier Failure/Car damage/Parking Occupied Unauthorized Car/ Information.

Emergency Help Point

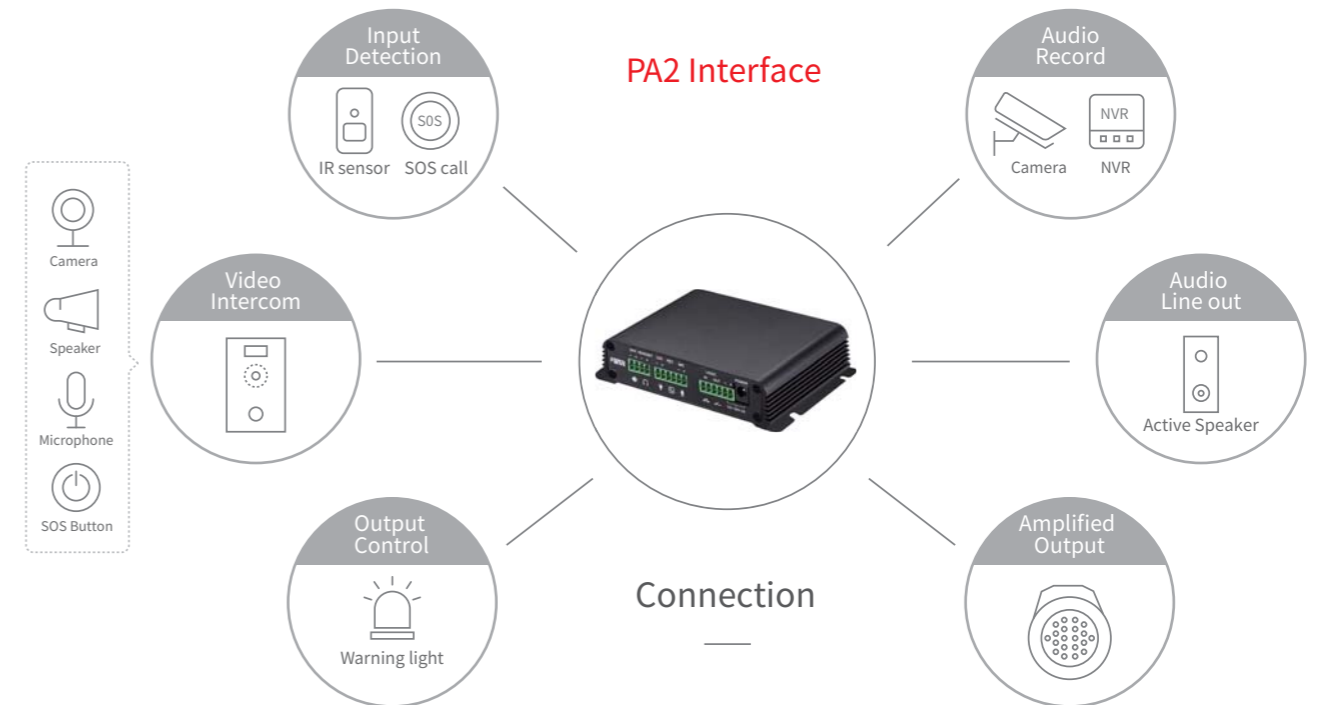
Offering the emergency communication on the highway/road when emergency happens and get instant communication/help from the monitoring center.



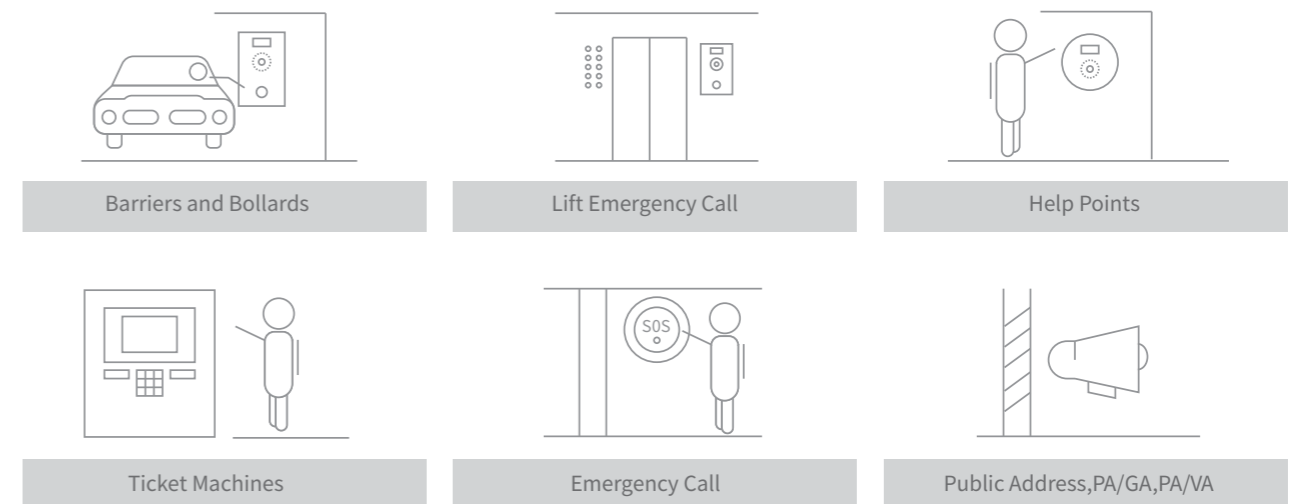


SIP Paging Gateway PA2

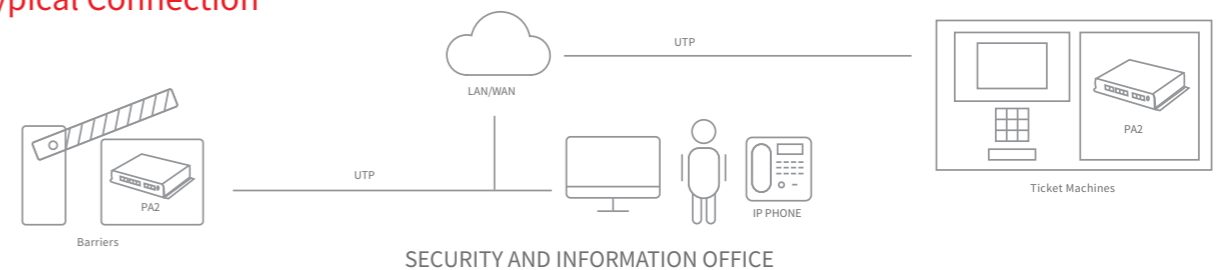
PA2 SIP Video Intercom & Paging Gateway



PA2 Application



Parking Intercom Application Typical Connection



Highlights

DIY DIY Intercom Solution

- A variety of interfaces enable you to quickly customize your intercom & paging solution, to suit a wide range of applications

Integration

- Support RTSP stream for monitoring the camera module (optional) connected with PA2
- Support video linkage with HIKVISION and DAHUA IP cameras to make video calls
- 2 standard RJ45 ports, one for WAN port, the other for video camera

Audio

- Support 7K bandwidth high quality HD voice on two-way intercom and broadcast
- Maximum 30W audio output, built-in Acoustic Echo Cancellor (AEC)
- Online or keypad adjusts volume output

Video

- Support plug and play for SIP HD video calls by using the special camera module
- Dual stream, high quality video to a NVR device for recording/playback whilst monitoring with bandwidth efficiency on devices, including video IP phones

i20S Audio Door Phone



- Compatible with standard SIP(RFC3261) protocol and main IP PBX/IMS platforms
- Access Control(by call, by code, IC/RFID)
- All-in-One(Access Control, Intercom and Broadcasting)
- Built-in 3W speaker and AEC, support high quality hand-free communication
- Status indication icon
- Support online management and upgrade

i23S Audio Door Phone



- Compatible with standard SIP(RFC3261) protocol and main IP PBX/IMS platforms
- All-in-One(Access Control, Intercom and Broadcasting)
- Status indication icon for better operation
- Access Control (by call, by code, IC/RFID, Indoor Switch)
- Telecom grade HD audio with built-in 3W speaker and AEC; adapt for noisy environment
- Protection level: IP65 (waterproof and dustproof) and IK10 (anti-collision)
- Support wide working temperature range from -40 to +70°C
- System online maintenance and management

i32V Video Door Phone



- Standard SIP protocol, compatible with major popular IP PBX/IMS platforms
- Built-in HD Camera with infrared night vision
- Access control by call, IC/RFID card
- All-in-one (Access control, Intercom and Broadcasting)
- HD voice speech quality with built-in 3W speaker and Acoustic Echo Cancellor (AEC)
- IP65 waterproof and dustproof
- IK10 anti-collision with robust die-cast aluminum frame
- -40°C to 70°C wide range temperature adaptability
- Support online management and upgrade

i12 Audio Intercom



- Standard SIP protocol, compatible with major popular IP PBX/IMS platforms
- HD voice speech quality with built-in 3W speaker and Acoustic Echo Cancellor (AEC)
- Optional for one button or dual buttons
- Embedded 2 short-in detect ports and 2 short-out control ports
- Support external active speaker output port for HD quality broadcasting
- Support online management and upgrade
- IP65 waterproof and dustproof
- IK10 anti-collision with robust die-cast aluminum frame

i16 Video Intercom



- Standard SIP protocol, compatible with major popular IP PBX/IMS platforms
- Built-in HD camera with infrared night vision, adopt H.264 codec
- HD voice speech quality with built-in 3W speaker and Acoustic Echo Cancellor (AEC)
- IP65 waterproof and dustproof
- IK10 anti-collision with robust die-cast aluminum frame
- Anti-tamper- alarming as long as the cover is apart from the housing, and reporting to the control center at the same time
- Support external active speaker output port for HD quality broadcasting
- -40°C to 70°C wide range temperature adaptability
- Built-in 2 short-in detect port and 2 short-out control port
- Support online management and upgrade

iW30 SIP Speaker



- Standard SIP protocol, compatible with major popular IP PBX/IMS platforms
- All-in-one wall mounted design, integrated with network with network audio codec, digital amplifier and speaker
- Built-in high-fidelity speaker and 30W power amplifier
- Output for volume adjustment online
- Built-in audio output to connect external speaker
- Support video linkage with Hikvision and Dahua' s IP Camera via RTSP stream
- Standard RJ45 port

SIP PA2-KIT



- High reliability components, plug and play
- 720P camera module to achieve HD video call; The lens mounting height and Angle can be adjusted to meet the requirements of various scenarios
- High sensitivity pick up, waterproof, dustproof designed microphone module, suitable for harsh environment application
- 5W/8Ω speaker module, satisfied the noisy environment to the demand of the high loudness of the intercom equipment
- Waterproof and dustproof designed stainless steel button with LED indicator for better operation

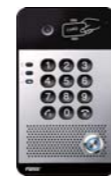
I SERIES INTERCOMS AND DOOR ACCESS ENDPOINTS



i20S
Audio Door
Phone



i23S
Audio Door
Phone



i30
Video Door
Phone



i31S
Video Door
Phone



i32V
Video Door
Phone



i12
Audio
Intercom



i16
Video
Intercom



i18S
Video
Intercom



SIP
PA2

	i20S Audio Door Phone	i23S Audio Door Phone	i30 Video Door Phone	i31S Video Door Phone	i32V Video Door Phone	i12 Audio Intercom	i16 Video Intercom	i18S Video Intercom	SIP PA2
SIP Line	2	2	2	2	2	2	2	2	2
Camera	X	X	✓	✓	✓	X	✓	✓	✓
Standalone Intercom-no central unit/server needed	✓	✓	✓	✓	✓	✓	✓	✓	✓
RTSP	X	X	✓	✓	✓	X	✓	✓	✓
HD Video (720P)	X	X	✓	✓	✓	X	✓	✓	✓
HD Audio(G.722)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Linkage with Third Party IP Camera	✓	✓	X	X	X	X	X	X	✓
Built-in Electric Relay	1	1	1	1	2	2	2	1	1
Access Control	✓	✓	✓	✓	✓	X	X	X	X
Numerical Keypad	✓	✓	✓	✓	X	X	X	X	X
DSS Key	1	1	1	1	1	1 or 2	1 or 2	1 or 2	1 or 2
Audio Line-in/ Line-out	X	X	X	X	X	Audio line-out	Audio line-out	X	Audio line-out
Built-in RFID / IC Card Reader	✓	✓	✓	✓	✓	X	X	X	X
Power Supply PoE	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power Supply 12V DC	✓	✓	✓	✓	✓	✓	✓	✓	12V~24V
Tamper-Proof	X	✓	X	✓	✓	✓	✓	✓	X
Protection Level	IP65	IP65&IK10	IP65	IP65&IK10	IP65&IK10	IP65&IK10	IP65&IK10	IP65&IK10	X
Wide Temperature Range:-40°C to 70°C	X	✓	X	✓	✓	✓	✓	✓	-30°C to 70 °C
Power Amplifier	3W	3W	3W	3W	3W	3W	3W	3W	Max 30W
RFID / IC Card Number	1000	1000	1000	1000	1000	X	X	X	X
Short Circuit Input	1	1	1	1	2	2	2	1	1
Short Circuit Output	1	1	1	1	2	2	2	1	1
Auto-Provisioning via DHCP/TR069/SIP PNP	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integration with Third Party Systems	✓	✓	✓	✓	✓	✓	✓	✓	✓
Icon Indication	✓	✓	✓	✓	X	X	X	X	X

Accessories

Headset HT201/HT202

- Superior Noise Canceling Microphone blocks out unwanted noise
- Crystal-clear HD voice quality, ensuring a clear and natural sound experience
- Peakstop remove sudden loud noise before they reach your ears, protecting your hearing from harmful loud noise
- Both Monaural/Binaural models are available to meet your preference.
- Soft foam ear cushions covered with high-end leatherette, keeps ear cool, all day comfort
- Sturdy & Durable connection, durable unibody design, and reinforced cord defend your headsets against every use
- Compatible with all Fanvil IP phones



HT201



HT202

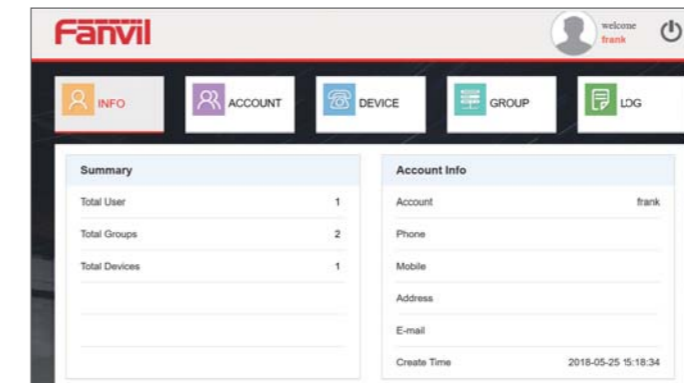
USB Bluetooth Adapter BT20



EHS Switch Adapter EHS20



FDPS (Fanvil Distributed Provisioning Service)



- > Auto Provision
- > High Security Level
- > Local and RPC Remote Management

Application

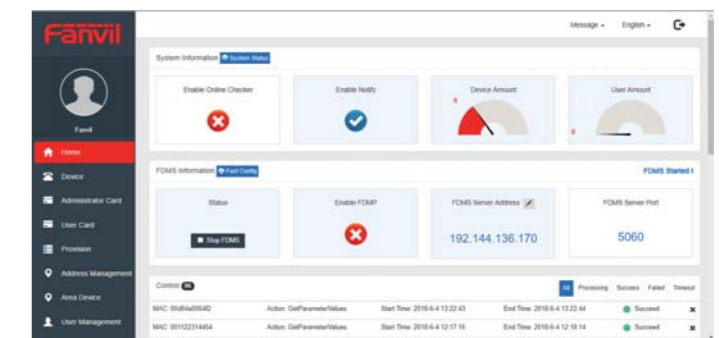
Fanvil Distributed Provisioning Service (FDPS) is a free provision tool for Fanvil Agents, distributors, and resellers to save cost and time on auto-provision features.

Features

- Support web GUI management, also remote management via FDPS RPC.
- FDPS works as plug and play when Fanvil devices access to internet after first power on or after reset.
- Easy to achieve auto provisioning for Fanvil devices. Just a simple file download server is needed, such as http/https/ftp/tftp server, no need to build a professional provisioning environment.
- Devices' firmware could be managed and provisioned more easily. No need to arrange different kind of firmware files for different customers during production, nor maintenance (upgrading firmware) manually and locally.
- High security level. FDPS supports HTTP/HTTPS with encrypted connection; and authentication check for connecting devices.
- The customized provisioning settings could be re-downloaded via FDPS even the device configs are reset by mistake.
- Free of charge. (The customer' s config file download server is not included.)

FDMS (Terminals Management Platform)

- > Auto Provision
- > Remote Management and Maintenance
- > Unified Management



Application

Installed on the server of control center for the remote control/upgrade/maintenance/configuration on the terminals, and management on access control card and record.

Features

- Operation system windows server2012 with B/S Structure. Easy to maintain and upgrade with cross-platform application.
- Terminal Management, including online status check, auto provision, remote parameter modification, terminal reset and upgrade, batch upgrade and addition.
- Access Card Management, including card' s addition, deletion, edition and distribution.
- Access Record Management, including synchronization, statistics, deletion and query.
- Account Management, including account addition and deletion, address management and sub account management.