Fanvil SIP Product Guide

Leading Global Provider of A&V-IoT Devices

Catalogue

About Fanvil

Fanvil Technology Co., Ltd. (Fanvil) is a leading global provider of A&V-IoT (Audio&Video-IoT) devices with three R&D centers in Beijing, Shenzhen and Suzhou, China, and three manufacturing bases in Huizhou and Shangrao, China, and Vietnam. Fanvil has focused on SIP unified communication technology innovation for more than 20 years and provides SIP phones and SIP security industrial products in the global market. As the pioneer in applying standardized network communication technology and Audio & Video technologies to build A&V-IoT, we are boosting the digital transformation for multiple industries.

Fanvil SIP products and communication solutions provide the bridge between people and our global network. With its advanced technology and design, Fanvil has powered different businesses in our community, transportation, education, healthcare, enterprises, etc.

Adhering to the core values of Efficient, Team Work, Integrity, Positive and Enterprising, Fanvil is committed to providing high-quality A&V-IoT devices, and building an intelligent world of infinite communication.

Fanvil A&V-IoT Product Family

SIP Audio/Video Desk Phone

V Series High-end IP Phone
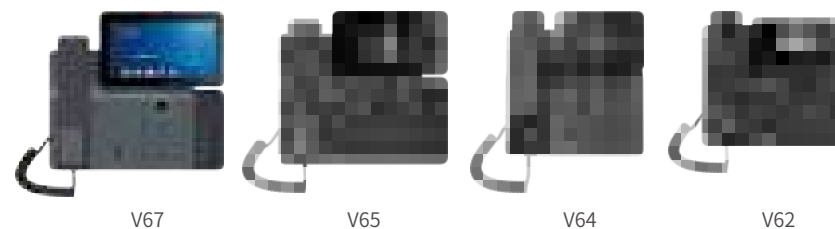
V67	V65	V64	V62

ATA Gateway

GA10

X Series IP Phone/ Call Center Phone

X7A+CM60	X7A	X7	X7C

X210	X3S/X3SP	X1S/X1SP/X1SG	X2P

X300 Series IP Phone
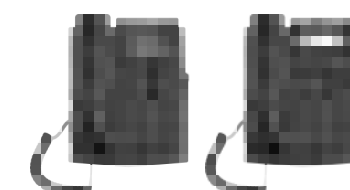
X303W/X303G X303P/X303	X301W/X301G X301P/X301

XU Series IP Phone

X6U	X5U	X5U-R	X4U	X3U Pro	X3U

H Series Hotel Phone
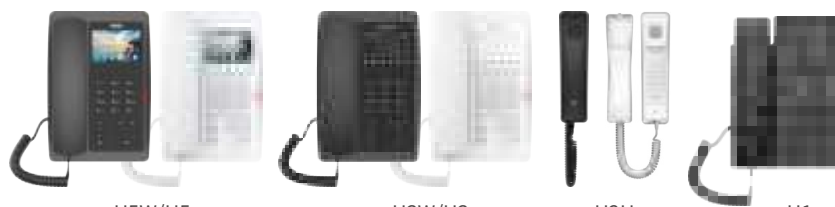
H5W/H5	H3W/H3	H2U	H1

Headset

HT301 Series	HT302 Series

Security Industry Audio/Video Products

Video Door Phone
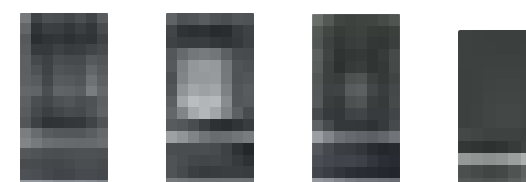
i64	i63	i62	i61

Audio/Video Intercom

i16SV	i16S	i16SV-02P	i16S-02P	i10S/i10SV/i10SD	A10/A10W A10-E/A10W-E	Y501/Y501W	Y501-Y/Y501W-Y

Indoor Station

i57A	i56A	i55A	i53W	i52W	i51W

Console IP Phone
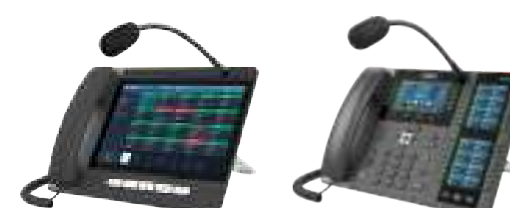
A32i	X210i

Audio/Video Gateway & Paging

PA3	PA2S	FH-S01

Business Conferencing
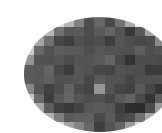
CS30

LINKVIL Wireless UC Products
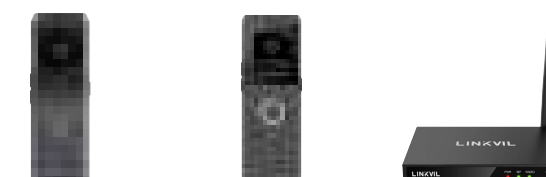
W611W	W610W	W712

FANVIL DISTRIBUTION NETWORK

TECHNOLOGY PARTNERS

North-America

America, Canada,
Mexico ...

European

Germany, UK, France, Italy, Spain,
The Netherlands, Russia, Greece,
Poland, Belgium,Turkey, Moldova,
Ukraine, Portugal, Slovenia, Lithuania,
Romania, Bosnia and Herzegovina,
Sweden, Bulgaria, Malta, Albania,
Georgia, Czech Republic, Cyprus,
Belarus, Estonia, Latvia, Armenia
...

South America/The Caribbean

Guatemala, Honduras, Costa Rica,
The Dominican Republic,
The Commonwealth of Dominica,
Panama, Colombia, Suriname,
Ecuador, Peru, Brazil, Bolivia,
Paraguay, Uruguay,
Argentina, Chile ...

Africa

South Africa, Togo,
Morocco, Egypt,
Ivory Coast, Ghana,
Kenya, Tanzania,
Uganda, Nigeria,
Senegal, Tunisia,
Namibia, Angola,
Algeria ...

APAC

China, South Korea, India, UAE,
Saudi Arabia, Indonesia, Singapore,
Bangladesh, Iraq, Malaysia, Philippines,
Vietnam, Thailand, Australia, New Zealand,
Israel, Pakistan, Nepal, Kyrgyzstan,
Tajikistan, Uzbekistan, Mongolia,
Kazakhstan,Turkmenistan, Azerbaijan
...

3CX	Asterisk	AVAYA
broadworks	bicom	bluip
enreach	epygi	NFON
elastix	FUSIONPBX	FreeSWITCH
metaswitch	NEC	New Rock TECHNOLOGIES
nethesis	netsapiens	OpenVox
PHONESUITE	PORTA ONE	portsip
STARFACE	SkySwitch	synway
unyc	VoipSwitch	VOIP.ms
Vodia	VitalPBX	VOIPTEL INTERNATIONAL
VoipVoice	XORCOM	wazo
Yeastar	Yuneasy	ZYCOO

LINKVIL New Sub-brand of Fanvil

As the sub-brand of Fanvil, LINKVIL focuses on the research and development of A&V-IoT wireless communication products. Based on Audio & Video - IoT, LINKVIL helps to achieve the full connection of wireless communication systems. LINKVIL builds a wireless communication Eco-system for multi-scenarios to help customers accelerate digital transformation.

HIGHLIGHTS
W611W Portable Wi-Fi Phone

High Protection Level Suitable for Harsh Environment
W611W certifies to IP67 standard, which is waterproof, dustproof, and drop-safe from 1.8-meter height.

HD Voice Quality, Clearer and More Stable
Equipped with HD speaker, W611W supports Opus and G.722 wideband audio decoding. Adopting noise reduction and AEC technology, W611W brings you HD gorgeous voice quality.

Large Capacity Battery for Long-term Use
Installed with a rechargeable 1900mAh battery, W611W is ready for 9 hours talk time or 200 hours standby time. （*The data is based on the laboratory test.)

Support Wi-Fi 6, Faster and Stronger Signal
W611W supports dual-band Wi-Fi 802.11 a/b/g/n/ac/ax (Wi-Fi 6, 2.4GHz & 5GHz), bringing an extreme wireless experience.

Wi-Fi Roaming & Encryption
• Support IEEE802.11k/v/r roaming
• Support WPA / WPA2-PSK and 802.1X EAP encryption to ensure communications security

HIGHLIGHT
W712 RoIP Gateway

Interconnection between Different Communication Systems

The W712 integrates the radio module in UHF 400-470 MHz and adopts the SIP standard protocol. It is compatible with most mainstream IP PBX, easily realizing the interconnection between analog/DMR II digital radios and SIP communication devices.

Plug and Play Easy Management

With built-in wireless radio module, W712 is small and portable, similar to the size of a router. W712 can be deployed and managed through the web page, achieving the easy management.

Product Application

Product Application
W712 supports 1 connection of analog/DMR II digital radios and 1 connection of SIP call.

Group Call
W712 supports group calls between analog/digital radios and SIP phones.

Trans-regional Communication
Multiple DSS keys on SIP phones can be used as speed dial keys for different groups.

Support Call Recording

W712 is equipped with USB interface and TF card interface that supports the capacity of up to 128G, which can be used to record the calls.

LINKVIL Wireless UC Products

W611W Portable Wi-Fi Phone

· 2.4" 240 x 320 color screen with intuitive user interface
· High protection level of IP67, which is waterproof, dustproof, and drop-safe from 1.8-meter height
· Up to 16 DSS keys, quick access to basic functions
· Support dual-band Wi-Fi 802.11 a/b/g/n/ac/ax (Wi-Fi 6, 2.4GHz & 5GHz)
· Support IEEE802.11k/v/r roaming
· Support WPA / WPA2-PSK and 802.1X EAP encryption to ensure communications security
· Built-in Bluetooth 5.0 can be used to connect wireless earphone
· Support distance sensor and self-adaptive light-sensing screen will be off during a call on the handset
· One configurable push-to-talk (PTT) button for quick dial
· Up to 9 hours' talk time and up to 200 hours standby time (*The data is based on the laboratory test.)

W610W Portable Wi-Fi Phone

· 2" 240 x 320 color screen with intuitive user interface
· Drop-safe from 1.8-meter height
· Built-in dual-band Wi-Fi (2.4G/5G)
· Support IEEE802.11k/v/r roaming
· Support WPA / WPA2-PSK and 802.1X EAP encryption to ensure communications security
· Built-in Bluetooth 5.0 can be used to connect wireless earphone
· Support incoming call vibration
· Support 16 DSS Keys and one configurable push-to-talk (PTT) button for speed dial
· Up to 9 hours' talk time and up to 200 hours standby time (*The data is based on the laboratory test.)

W712 RoIP Gateway

· Integrate 400~470 MHz radio modules to connect the analog/DMR II digital radios
· Compatible with SIP protocol to connect SIP communication devices
· High compatibility with Motorola, Hytera and other mainstream analog/digital radios
· Support HD audio with G.722 and Opus
· Support USB 2.0 interface and TF card interface for data storage or offline upgrade
· Support call recording and call logs of two-way radios and SIP phones
· Dual Megabit Ethernet for network transmission
· Supports the power supply via DC 12V PSU and PoE (at)
· Supports the Web management for devices
· Support desktop and wall-mounted installation

SIP Audio/Video Desk Phone

Business Aesthetics · Minimalist Office · Smart Communication

Fanvil SIP desk phones include five product series V, X, XU, X300, and H, covering full range production from entry level to high-end IP phones. They provide users with the best user experience to meet all the needs of business users for IP communications equipment, especially the enterprise market.
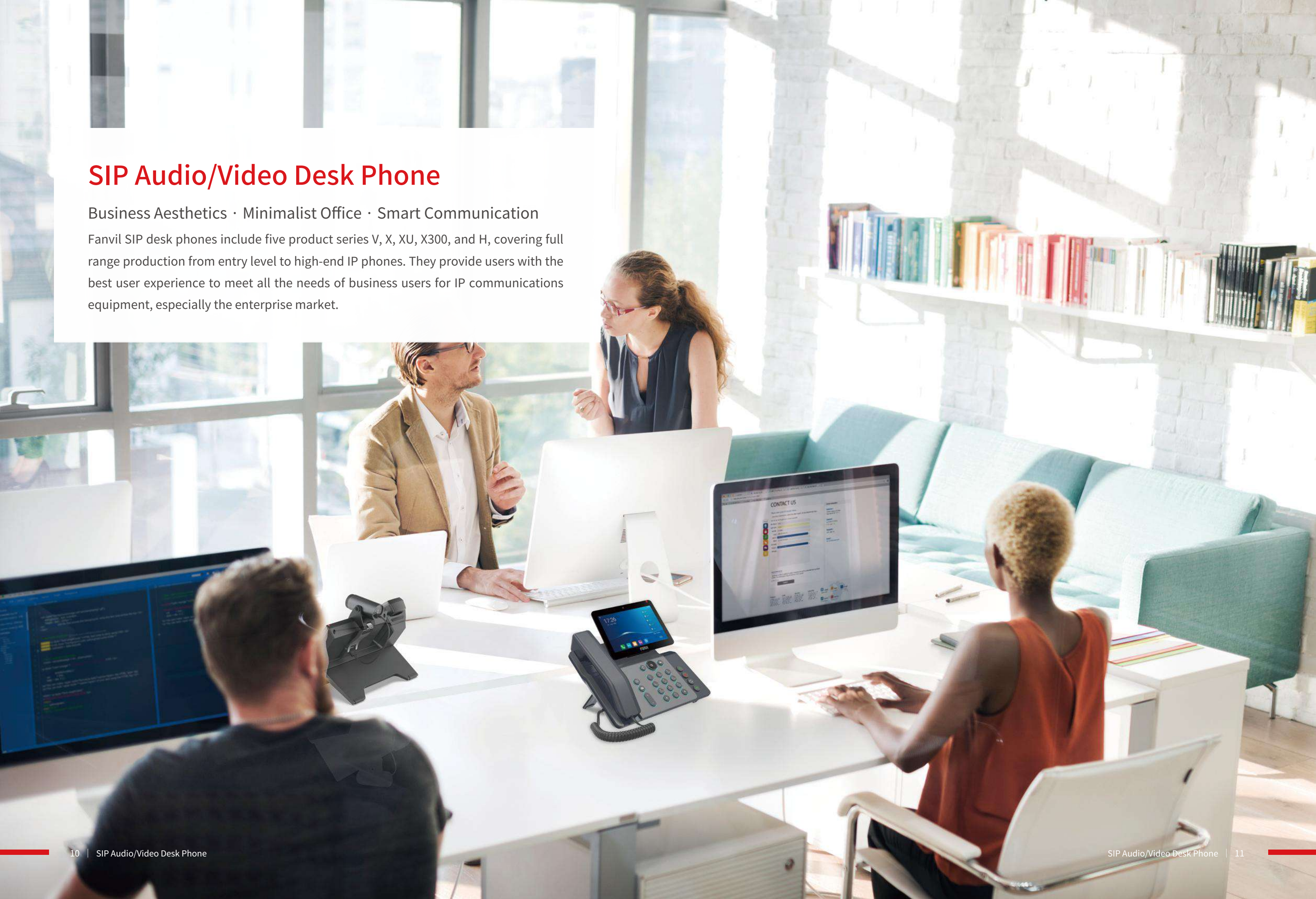
V Series High-end IP Phone

V Series is more than an efficient telephone but a delicate work of art, providing a smart and smooth business communication experience for executives and managers. As the high-end IP Phone featuring powerful functions, it offers an smart and all-in-one communication solution.

HIGHLIGHTS
V67 Flagship Smart Video Phone

HD HD Audio
Deliver HD audio with Opus, G.722 wideband codec

Adjustable Touch Screen
7-inch adjustable touch screen (0° to 40 °) for different lighting environments, making it easier to read the messages no matter sit or stand

HD Camera
Built-in 5 Mega-pixel 1080P camera with a camera lens cover, providing an enjoyable HD video collaboration

Antibacterial Surface Protection
Antibacterial material of the handset and keypad surface effectively inhibits more than 99.5% of bacteria growth

Android 9.0 OS
Based on Android 9.0 operating system, V67 provides a comprehensive SDK (developer kit) to meet the customization needs of industry applications and secondary development

10-way Audio Conferencing
Support 10-way audio conferencing (including 2-party video calls) and 3-way video conferencing

Wireless Connection
Built-in 2.4GHz/5G Wi-Fi and Bluetooth 4.2, realizing more flexible connectivity

Colorful Lighting Keypad
The lighting keypad not only pleases your eyes but also improves work efficiency as a status indicator

V Series High-end IP Phone

V67

· 7-inch (1024×600) adjustable IPS touch screen (0° to 40 °)
· Based on Android 9.0 operating system
· 20 SIP lines, up to 116 DSS keys
· Antibacterial material of the handset and keypad surface effectively inhibits more than 99.5% of bacteria growth
· Colorful lighting keypad for specific scenario
· A built-in 5 Mega-pixel 1080P camera with a camera lens cover
· 10-way audio conference and 3-way video conference
· Built in 2.4G/5G Wi-Fi and Bluetooth 4.2
· Support wall-mounted installation (Optional WB107 Wall-mount Bracket)

V65

· 4.3-inch (480×272) adjustable IPS screen (0° to 40 °)
· 20 SIP lines, up to 45 DSS keys
· Antibacterial material of the handset and keypad surface effectively inhibits more than 99.5% of bacteria growth
· Be able to receive video calls with video codec H.264
· HD audio with wideband codec G.722 & Opus
· 6-way audio conference
· Built in 2.4G/5G Wi-Fi and Bluetooth 4.2
· Support wall-mounted installation (Optional WB107 Wall-mount Bracket)

V64

· 3.5-inch (480×320) color LCD screen
· 12 SIP lines, up to 21 DSS keys
· HD audio with wideband codec G.722 & Opus
· 6-way audio conference
· Built in 2.4G/5G Wi-Fi and Bluetooth 4.2
· Dual Gigabit ports, integrate PoE
· Available to link with security products
· Support wall-mounted installation (Optional WB107 Wall-mount Bracket)

V62

· 2.7-inch (192×64) Dot-matrix screen
· 6 SIP lines, up to 15 DSS keys
· HD audio with wideband codec G.722 & Opus
· 6-way audio conference
· Dual Gigabit ports, integrate PoE
· EHS wireless headset, Bluetooth via BT20 and Wi-Fi via WF20
· Available to link with security products
· Support wall-mounted installation (Optional WB107 Wall-mount Bracket)

V Series High-end IP Phone Specification

	V67	V65	V64	V62
Picture				
Operating System	Android 9.0	Linux	Linux	Linux
Screen	7-inch (1024×600) IPS Touch Screen	4.3-inch (480×272) IPS Color-screen	3.5-inch (480×320) Color-screen	2.7-inch (192×64) Dot-matrix Screen
Backlight	√	√	√	√
Colorful Lighting Keypad	√	×	×	×
Adjustable Screen	√	√	×	×
DSS Keys	116 (29×4)	45(9×5)	21(7×3)	15(5×3)
SIP Lines	20	20	12	6
Audio Conference	10-way	6-way	6-way	6-way
Video Conference	3-way	×	×	×
Call Logs	1000	1000	1000	1000
Local Phonebook	2000	2000	1000	1000
Remote Phonebook	2000	2000	1000	1000
Action URL / URI	√	√	√	√
Video Call	√	Only receive video call	×	×
Video Codec	H.264	H.264	×	×
Camera	Built-in 5 Mega-pixel, 1080P@30fps	×	×	×
HD Audio	√	√	√	√
Wideband Codec	G.722,Opus	G.722,Opus	G.722,Opus	G.722,Opus
Narrowband Codec	G.711,G.729A/B, iLBC	G.711, G.723.1, G.726, G.729A/B, iLBC	G.711, G.723.1, G.726, G.729A/B, iLBC	G.711, G.723.1, G.726, G.729A/B, iLBC
HAC Handset	√	√	√	√
Bluetooth	Built-in Bluetooth4.2	Built-in Bluetooth4.2	Built-in Bluetooth4.2	Via USB Dongle BT20
Wi-Fi	Built-in 2.4G/5G Wi-Fi	Built-in 2.4G/5G Wi-Fi	Built-in 2.4G/5G Wi-Fi	Via USB Dongle WF20
IP Mode	IPv4/IPv6/IPv4&IPv6	IPv4/IPv6/IPv4&IPv6	IPv4/IPv6/IPv4&IPv6	IPv4/IPv6/IPv4&IPv6
Network	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
PoE	√	√	√	√
EHS Headset	√	√	√	√
Desktop/ Wall-mounted	√	√	√	√

X Series IP Phone/ Call Center Phone

The stylish business appearance and HD color screen of Fanvil X series highlight the elegance of office work; HD audio/video phone calls make it efficient and quick to communicate. It performs excellently in various application scenarios.

HIGHLIGHTS
X7A+CM60 Android IP Phone with Camera

HD HD Audio

Support wideband codec G.722 and Opus; Provide users a superb and clear audio call experience

7-inch Color Touch Screen

Bring users a smoother operation experience and a better visual experience

SIP 20 SIP Lines

Built-in Bluetooth

Easy to connect bluetooth headset via built-in Bluetooth and helping users to handle multitask

Built-in Wi-Fi

Easy to connect Wi-Fi via built-in 2.4G/5G Wi-Fi and getting rid of messy cables

HD Video Call

Match with 1080P Fanvil CM60 HD USB Camera; Realize HD video image on the full screen and bring users a brand new video call experience

112 DSS 112 DSS Keys

Provide swifter function keys and enhance the efficiency on work

Fanvil CM60 Portable USB HD Camera

Video resolution: 1080P.
It can be flexibly installed on the phone, computer, or desktop.
With an adjustable cover, CM60 can protect users privacy well.
Wider view angle brings a wider view.

X7A+CM60

· With Android 9.0 OS, it brings a smoother and more intelligent operation experience
· Featuring a 7-inch color touch screen, it gives users an ideal visual experience
· 112 DSS keys on the screen for setting usual functions
· Support video codec H.264, providing premium HD video calls with 1080P CM60 camera
· Provide premium HD audio and wideband codec G.722 & Opus
· Built-in 2.4G/5G Wi-Fi and Bluetooth 4.2
· EHS wireless headset
· 10-way audio conference and 3-way video conference and SIP hotspot
· For meeting businessmen's needs, it supports the third party APP
· Dual Gigabit ports, Integrated PoE

X7A

· With Android 9.0 OS, it brings a smoother and more intelligent operation experience
· Featuring a 7-inch color touch screen, it gives users an ideal visual experience
· 112 DSS keys on the screen for setting usual functions
· Support video codec H.264, providing premium HD video calls with 1080P optional CM60 camera
· Provide premium HD audio and wideband codec G.722 & Opus
· Built-in 2.4G/5G Wi-Fi and Bluetooth 4.2
· EHS wireless headset
· 10-way audio conference and 3-way video conference and SIP hotspot
· For meeting businessmen's needs, it supports the third party APP
· Dual Gigabit ports, Integrated PoE

X7

· 7-inch color screen brings users an ideal visual experience
· 127 DSS keys on the screen for setting usual functions
· Be able to receive video calls with video codec H.264
· Provide premium HD audio and wideband codec G.722 & Opus
· 20 SIP lines
· Built-in Bluetooth 4.2, Wi-Fi connectivity via Wi-Fi dongle
· EHS wireless headset
· 6-way conference and SIP hotspot
· Dual Gigabit ports, Integrated PoE

X7C

· 5-inch color screen, brings users an ideal visual experience
· 60 DSS keys on the screen for setting usual functions
· Be able to receive video calls with video codec H.264
· HD audio with wideband codec G.722 & Opus
· 20 SIP lines
· Built-in Bluetooth 4.2, Wi-Fi connectivity via Wi-Fi dongle
· EHS wireless headset
· 6-way conference and SIP hotspot
· Dual Gigabit ports, Integrated PoE

X210

· 4.3-inch main color screen, 2x3.5-inch side color screens for DSS keys
· Up to 106 DSS keys provide for easy and quick feature customization such as BLF and speed dial
· Be able to receive video calls with video codec H.264
· Provide premium HD audio and wideband codec G.722 & Opus
· 20 SIP Lines
· Built-in Bluetooth 4.2, Wi-Fi connectivity via Wi-Fi dongle
· EHS wireless headset
· 6-way conference and SIP hotspot
· Dual Gigabit ports, Integrated PoE

X3S/X3SP

· 2.4-inch 320×240 color screen
· HD audio with wideband audio codec G.722
· 4 SIP lines
· Newly increased phone book/ voice message button
· 2 line keys with LED
· EHS wireless headset
· Support IPv4 protocol
· Integrated PoE (X3SP)
· Desktop/Wall-mounted installation

X1S/X1SP/X1SG

· 128×48 dot-matrix screen with backlight
· HD audio with wideband audio codec G.722 & Opus
· 2 SIP lines
· Newly increased phone book/ voice message button
· 2 line keys with LED
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Integrated PoE (X1SP&X1SG)
· Desktop/Wall-mounted installation

X2P

· Professional IP Phone customized for call center
· 2.8-inch (320x240) color screen
· 2 SIP lines
· Call center headset (RJ9 port, 3.5mm jack)
· LED keypads of Mute, call holding and auto answering
· Off-hook/on-hook by pedal switch
· 10/100Mbps Ethernet, Integrated PoE
· EHS wireless headset
· 3-way conference

X Series IP Phone/Call Center Phone Specification

Picture	X7A+CM60	X7A	X7	X7C	X210	X3S/X3SP	X1S/X1SP/X1SG	X2P
Main Screen	1024X600 7-inch Color Touch Screen	1024X600 7-inch Color Touch Screen	800X480 7-inch Color Touch Screen	800X480 5-inch Color Screen	480X272 4.3-inch Color Screen	320 x 240 2.4-inch Color Screen	128X48 Dot-matrix with Backlight	320X240 2.8-inch Color Screen
Side Screen	×	×	×	×	320×480 Two 3.5-inch Color Screens	×	×	×
Video Codec	H.264	H.264	H.264	H.264	H.264	×	×	×
Video Call	√	Only receive video from the calling side (1080P)	Only receive video from the calling side (1080P)	Only receive video from the calling side (1080P)	Only receive video from the calling side (1080P)	×	×	×
Camera	Connected with CM60 USB Camera	CM60 USB Camera (optional)	×	×	×	×	×	×
DSS Keys	112	112	127	60	106	2	2	×
SIP Lines	20	20	20	20	20	4	2	2
Lines Keys	×	×	×	12	10	2	2	×
Local Phone Book	2000	2000	2000	2000	2000	500	1000	500
Call Log	1000	1000	1000	1000	1000	600	600	600
Audio conferencing	10-way conference	10-way conference	6-way conference	6-way conference	6-way conference	3-way conference	3-way conference	3-way conference
Video Conference	3-way conference	3-way conference	×	×	×	×	×	×
IPv6	×	×	√	√	√	×	√	×
HD Audio	√	√	√	√	√	√	√	√
Wideband Codecs	G.722,Opus	G.722,Opus	G.722,Opus	G.722,Opus	G.722,Opus	G.722	G.722, Opus	G.722
Bluetooth	Built-in Bluetooth4.2	Built-in Bluetooth4.2	Built-in Bluetooth4.2	Built-in Bluetooth4.2	Built-in Bluetooth4.2	×	×	×
Wi-Fi	Built-in 2.4G/5G Wi-Fi	Built-in 2.4G/5G Wi-Fi	Via USB Dongle	Via USB Dongle	Via USB Dongle	×	×	×
PoE	√	√	√	√	√	X3S × X3SP √	X1S × X1SP/X1SG √	√
Network	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100Mbps	10/100Mbps: X1S/X1SP 10/100/1000Mbps: X1SG	10/100Mbps
EHS Headset	√	√	√	√	√	√	√	√
Foot Stand	40° and 50°	40° and 50°	40° and 50°	40°and 50°	40° and 50°	45°and 50°	45°and 50°	1 Fixed angle

XU Series IP Phone

Fanvil XU series are high-end IP phones. With strong complete functions, HD audio and enriched application scenarios, they can provide a quality and efficient collaborative experience and significantly improve work efficiency and team performance.
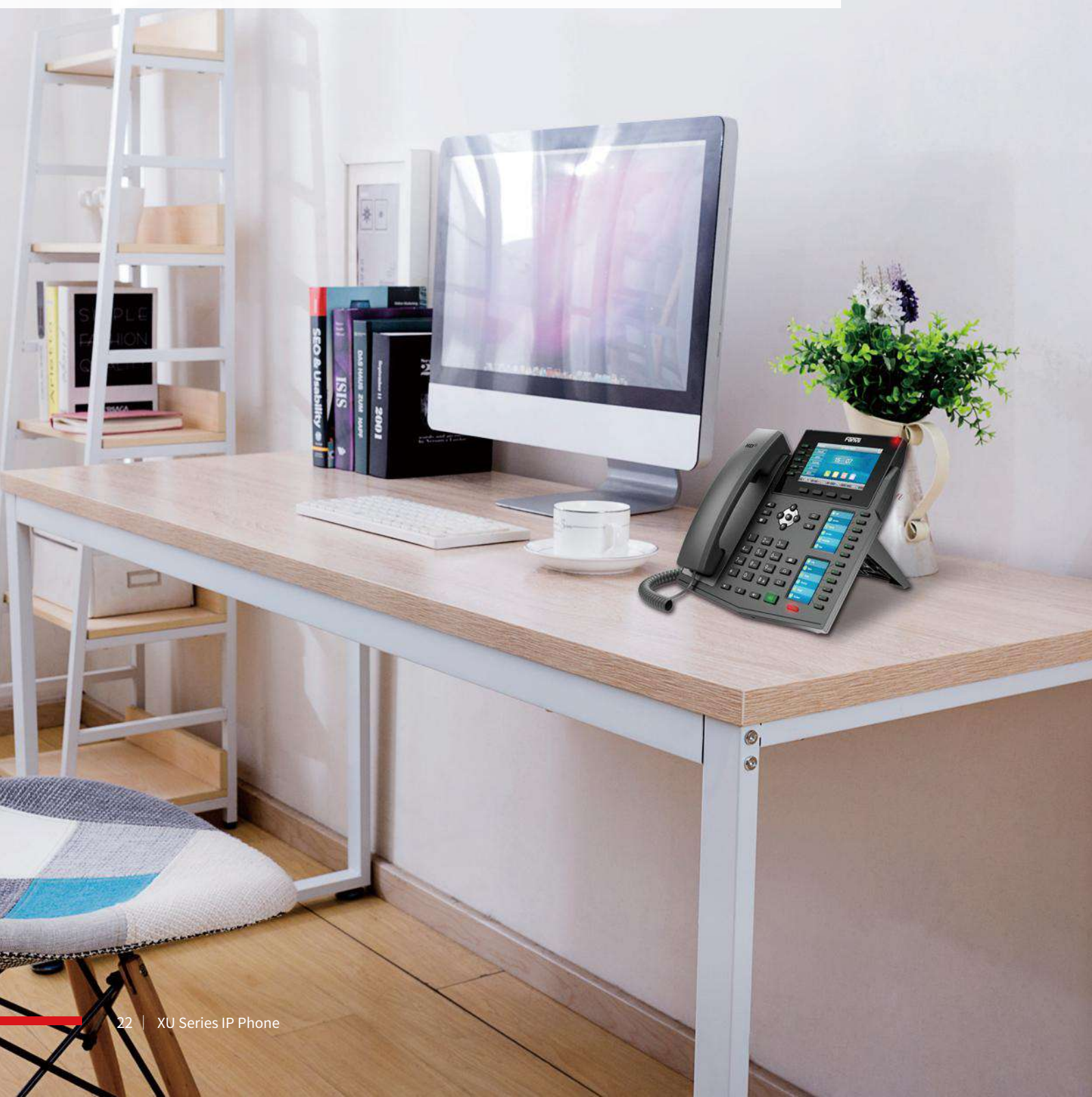
HIGHLIGHTS
X6U High-end IP Phone

HD Crystal-clear Audio

Wideband codec of G.722 and Opus in this device deliver you an immersive HD audio experience in both high band and low band with the network

SIP 20 SIP Lines

LED Line Key

Newly add 5 LED indicator light line keys

LED Color Screens

4.3-inch main Color Screen
2×2.4-inch side Color Screens

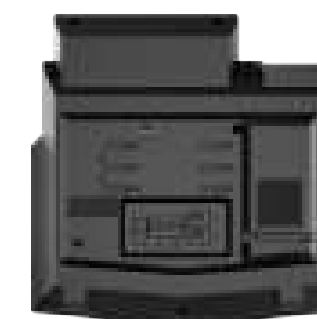**Built-in Bluetooth**

Fanvil X6U helps you work with Bluetooth headset flexibly

60 DSS Keys

Offer you an intuitive and faster access to multiple functions and maximize your productivity

Greater Interoperability and Collaboration

Matched with accessories, like EHS headset via EHS Cable, WiFi via WiFi dongle and built-in Bluetooth, Fanvil X6U is designed to encourage your flexibility on work.

XU Series IP Phone

X6U

· 4.3-inch 480x272 main color screen, 2 x 2.4-inch 320x240 side color screens
· HD audio and wideband codec G.722 & Opus
· 20 SIP Lines
· 60 DSS keys, 5 line keys with LED
· 6-way conference
· Built-in Bluetooth 4.2, Wi-Fi connectivity via Wi-Fi dongle
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Dual Gigabit ports, Integrated PoE

X4U

· 2.8-inch 320x240 main color screen, 2.4-inch 320x240 side color screen
· HD audio and wideband codec G.722
· 12 SIP Lines
· 30 DSS keys, 3 line keys with LED
· 6-way conference
· Dual Gigabit port, Integrated PoE
· Bluetooth connectivity via USB dongle, Wi-Fi connectivity via Wi-Fi dongle
· Support EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

X5U

· 3.5-inch 480x320 color main screen, 2.4-inch 320x240 side color screen
· HD audio and wideband codec G.722 & Opus
· 16 SIP lines
· 30 DSS keys, 4 line keys with LED
· 6-way conference
· Dual Gigabit port, PoE integrated
· Built-in Bluetooth 4.2, Wi-Fi connectivity via Wi-Fi dongle
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

X3U Pro

· 2.8-inch 320×240 color screen
· HD audio with wideband codec G.722 & Opus
· 6 SIP lines
· 6-way audio conference
· Dual Gigabit port, integrated PoE
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

X5U-R

· Well-marked red
· 3.5-inch 480X320 color main screen, 2.4-inch 320X240 side color screen
· HD audio with wideband codec G.722 & Opus
· 30 DSS keys, 4 line keys with LED
· 6-way conference
· Dual Gigabit ports, Integrated PoE
· Built-in Bluetooth 4.2, Wi-Fi connectivity via Wi-Fi dongle
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

X3U

· 2.8-inch 320x240 color screen
· HD audio with wideband codec G.722 & Opus
· 6 SIP lines
· 3 line keys with LED
· Dual Gigabit port, PoE integrated
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

XU Series IP Phone Specification

Picture	X6U	X5U	X5U-R	X4U	X3U Pro	X3U
Main Screen	480x272 4.3-inch Color Screen	480X320 3.5-inch Color Screen	480X320 3.5-inch Color Screen	320X240 2.8-inch Color Screen	320X240 2.8-inch Color Screen	320X240 2.8-inch Color Screen
Side Screen	320X240 Two 2.4-inch Color Screens	320X240 2.4-inch Color Screen	320X240 2.4-inch Color Screen	320X240 2.4-inch Color Screen	×	×
The Color	Black	Black	Red	Black	Black	Black
DSS Keys	60	30	30	30	×	×
Lines	20	16	16	12	6	6
Line Keys	5	4	4	3	3	3
Local Phone Book	2000	2000	2000	1000	1000	1000
Call Log	1000	1000	1000	1000	600	600
Audio conferencing	6-way conference	6-way conference	6-way conference	6-way conference	6-way conference	3-way conference
IPv6	√	√	√	√	√	√
HD Audio	√	√	√	√	√	√
Wideband Codec	G.722, Opus	G.722, Opus	G.722, Opus	G.722, Opus	G.722, Opus	G.722, Opus
Bluetooth	Built-in Bluetooth 4.2	Built-in Bluetooth 4.2	Built-in Bluetooth 4.2	Via USB Dongle	×	×
Wi-Fi	Via Wi-Fi dongle	Via Wi-Fi dongle	Via Wi-Fi dongle	Via Wi-Fi dongle	×	×
PoE	√	√	√	√	√	√
Network	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
EHS Headset	√	√	√	√	√	√
Wall-mounted	√	√	√	√	√	√
Foot Stand	45° and 50°	45° and 50°	45° and 50°	45° and 50°	45° and 50°	45° and 50°

X300 Series IP Phone

The X300 series IP phone is a series of cost-effective SIP phones designed especially for enterprises. It has classic design and powerful performance, offering enterprises efficient daily work with all-in-one communication solution and easy installation.

HIGHLIGHTS
X303W Enterprise Wi-Fi IP Phone

HD HD Audio Call

Support wideband audio codec Opus and G.722; Bring users an immersive listening experience

2.4-inch Color Screen

User-friendly UI, ease of Use; Provide users a comfortable and efficient experience

Dual-core Chip

More powerful overall performance; Faster response and more smooth operation

Built-in 2.4G & 5G Wi-Fi

Enable users to have more choices to connect the network

Support 6-way Audio Conference

The conference organizer can invite up to 5 participants to join in the conference

X303W

· 2.4-inch 320x240 color screen
· HD audio with wideband audio codec G.722 & Opus
· 4 SIP lines
· Built-in 2.4G & 5G Wi-Fi
· Dual megabit ports, integrated PoE
· 6-way conference
· EHS wireless headset
· Desktop/Wall-mounted installation

X303G

· 2.4-inch 320x240 color screen
· HD audio with wideband audio codec G.722 & Opus
· 4 SIP lines
· Dual Gigabit ports, integrated PoE
· 6-way conference
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

X303P

· 2.4-inch 320x240 color screen
· HD audio with wideband audio codec G.722 & Opus
· 4 SIP lines
· Dual megabit ports, integrated PoE
· 6-way conference
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

X303

· 2.4-inch 320x240 color screen
· HD audio with wideband audio codec G.722 & Opus
· 4 SIP lines
· Dual megabit ports
· 6-way conference
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

X301W

· 2.3-inch 128x48 dot-matrix screen
· HD audio with wideband audio codec G.722 & Opus
· 2 SIP lines
· Built-in 2.4G & 5G Wi-Fi
· Dual megabit ports
· 6-way conference
· EHS wireless headset
· Desktop/Wall-mounted installation

X301G

· 2.3-inch 128x48 dot-matrix screen
· HD audio with wideband audio codec G.722 & Opus
· 2 SIP lines
· Dual Gigabit ports, integrated PoE
· 6-way conference
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

X301P

· 2.3-inch 128x48 dot-matrix screen
· HD audio with wideband audio codec G.722 & Opus
· 2 SIP lines
· Dual megabit ports, integrated PoE
· 6-way conference
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

X301

· 2.3-inch 128x48 dot-matrix screen
· HD audio with wideband audio codec G.722 & Opus
· 2 SIP lines
· Dual megabit ports
· 6-way conference
· EHS wireless headset
· Support IPv4, IPv6 protocols
· Desktop/Wall-mounted installation

X300 Series IP Phone Specification

Picture	X303W	X303G	X303/X303P	X301W	X301G	X301/X301P
Operating System	Linux	Linux	Linux	Linux	Linux	Linux
Screen	320X240 2.4-inch Color Screen	320X240 2.4-inch Color Screen	320X240 2.4-inch Color Screen	128x48 2.3-inch Dot-matrix screen	128x48 2.3-inch Dot-matrix screen	128x48 2.3-inch Dot-matrix screen
Backlight	✓	✓	✓	✓	✓	✓
Line Keys	3	3	3	✕	✕	✕
DSS Keys	3	3	3	✕	✕	✕
SIP Lines	4	4	4	2	2	2
Audio Conference	6-way conference	6-way conference	6-way conference	6-way conference	6-way conference	6-way conference
Call Logs	600	600	600	600	600	600
Local Phonebook	1000	1000	1000	1000	1000	1000
Remote Phonebook	1000	1000	1000	1000	1000	1000
Action URL / URI	✓	✓	✓	✓	✓	✓
HD Audio	✓	✓	✓	✓	✓	✓
Wideband Codec	G.722, Opus	G.722, Opus	G.722, Opus	G.722, Opus	G.722, Opus	G.722, Opus
Narrowband Codec	G.711a/u,G.726, G.723.1,G.729A/B,iLBC	G.711a/u,G.726, G.723.1,G.729A/B,iLBC	G.711a/u,G.726, G.723.1,G.729A/B,iLBC	G.711a/u,G.726, G.723.1,G.729A/B,iLBC	G.711a/u,G.726, G.723.1,G.729A/B,iLBC	G.711a/u,G.726, G.723.1,G.729A/B,iLBC
Wi-Fi	Built-in 2.4G/5G Wi-Fi	✕	✕	Built-in 2.4G/5G Wi-Fi	✕	✕
IP Mode	IPv4/IPv6	IPv4/IPv6	IPv4/IPv6	IPv4/IPv6	IPv4/IPv6	IPv4/IPv6
Network	2X10/100 Mbps	2X10/100/1000Mbps	2X10/100Mbps	2X10/100 Mbps	2X10/100/1000Mbps	2X10/100Mbps
PoE	✓	✓	X303P:✓ X303:✕	✕	✓	X301P:✓ X301:✕
EHS Headset	✓	✓	✓	✓	✓	✓
Foot Stand	45°and 50°	45°and 50°	45°and 50°	45°and 50°	45°and 50°	45°and 50°
Wall-mounted	✓	✓	✓	✓	✓	✓

H Series Hotel IP Phone

Designed with the elegant appearance, leading technology and powerful functions, Fanvil H series hotel IP phones can provide users a new communication experience. They can not only meet the needs of the hotel, but also be suitable for rich application scenarios.

HIGHLIGHTS
H5W Hotel IP Phone

Stylish and Elegant

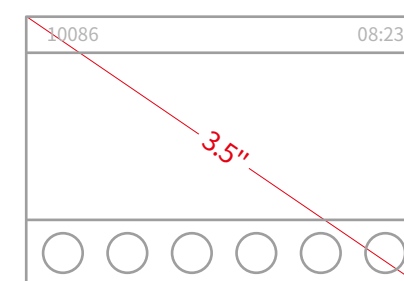Designed for hospitality industry, reflect the stylish and elegant taste of high-end hotel

Built-in Wi-Fi

With built in 2.4G Wi-Fi, H5W enables wireless connection, making the deployment more flexible

6 Customized Quick Buttons

Set cleaning, booking, front office, meal and waking services

Color Screen with Friendly Interface

3.5-inch(480×320 pixel) color-screen display can be used to show hotel information. it is very 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 Phone

H5/H5W

· 2 available colors(White & Black) , seamlessly integrated with different hotels' styles
· 3.5-inch (480×320) color screen
· 1 USB port for phone charging
· 2 SIP Lines
· 6 customized soft keys for speed dial functions including housekeeping,
  ticket-booking, switchboard, ordering food, wake-up call service, etc.
· Be able to receive video calls with video codec H.264
· Provide premium HD audio with wideband codec G.722 & Opus
· Built-in 2.4G Wi-Fi (H5W)
· Integrated PoE
· Call hold, Redial, Call transfer, Hotline, Voice Mail, etc.
· Support configurable dial plan
· Fanvil unique Hotspot function- several phones can share one number from server,
  and each phone has its extension number to contact/transfer/conference others

H3/H3W

· 2 available colors(White & Black) , seamlessly integrated with different hotels' styles
· Fashion and elegant appearance
· 6 customized soft keys for speed dial functions including housekeeping,
  ticket-booking, switchboard, ordering food, wake-up call service, etc.
· 1 USB charging port for cellphones, iPad and, etc.
· Integrated PoE
· Provide premium HD audio with wideband codec G.722&Opus
· Built-in 2.4G Wi-Fi (H3W)
· Fanvil unique Hotspot function- several phones can share one number
  from server, and each phone has its extension number to contact/
  transfer/conference others

H2U

· 2 available colors (White & Black)
· With tiny and fashion outlook, comfortable hand feeling, it can be applied
  to different scenarios like hotel, school, hospital, supermaket, residence and, etc.
· 2 SIP Lines
· Provide premium HD audio with wideband codec G.722 & Opus
· 10 speed dial keys for customizing service hotlines
· 1 programmable key, which can be set to work with door phones for
  controlling the door remotely or other operations
· Desktop/Wall mounted installation
· Support handset/Hands-free mode
· Integrated PoE

H1

· Elegant and fashionable product appearance
· 8 programmable soft keys for service hotline
· Unique customized faceplate
· Support audio codec G.722 and Opus, handling varieties of audio applications
· 10/100 Mbps port, integrated PoE
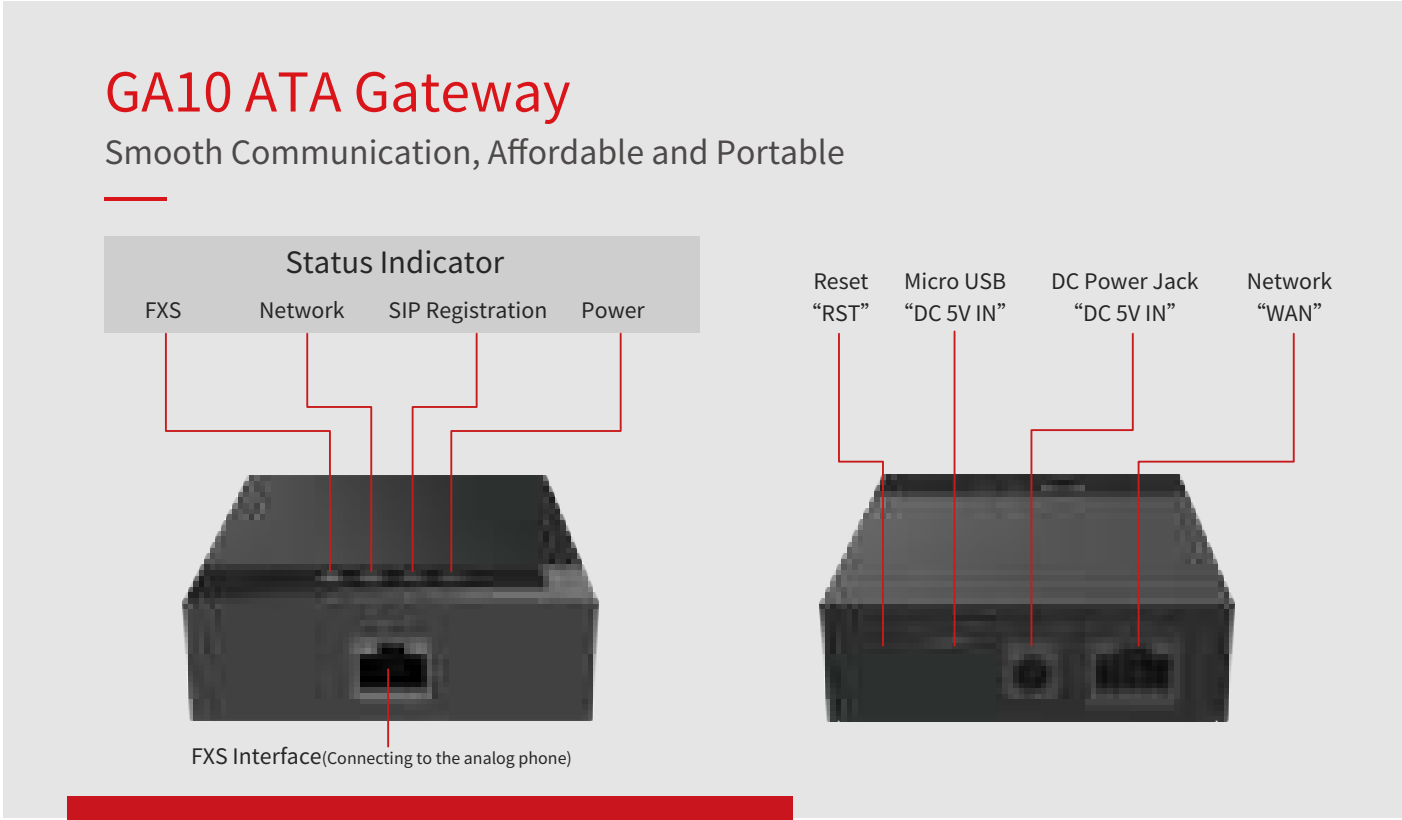· Two installation methods of desktop stand and wall mountable

H Series Hotel IP Phone Specification

Picture	H5W/H5	H3W/H3	H2U	H1
The color	Black/White	Black/White	Black/White	Black
Screen	480x320 3.5-inch Color Screen	x	×	x
Video Call Resolution	H5W: Only receive video from the calling side H5: x	x	×	x
Hardware Video Decoding	H5W: H.264 H5: x	x	×	x
DSS Keys	6	6	1	8
Speed Dial Keys	x	x	10	x
SIP Lines	2	2	2	2
HD Audio	√	√	√	√
Wideband Codec	H5W: G.722, Opus H5: G.722	H3W: G.722, Opus H3: G.722	G.722,Opus	G.722, Opus
PoE	√	√	√	√
Network	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps
Wi-Fi	H5W: Built-in 2.4G Wi-Fi H5: x	H3W: Built-in 2.4G Wi-Fi H3: x	x	x
USB interface	1	1	x	x
Installation	Desktop	Desktop	Desktop/Wall Mounted	Desktop/Wall Mounted

ATA Gateway

ATA Gateway is a SIP gateway with an easy-to-use FXS port. By migrating to IP voice with easy-to-install ATA, it enables users to take advantage of VoIP on analog phones. It provides convenient, stable and cost-effective communication solutions for individual, enterprise and operator to realize the deployment of VoIP.

GA10 ATA Gateway
Smooth Communication, Affordable and Portable

Status Indicator

FXS　　Network　　SIP Registration　　Power

Reset "RST"　Micro USB "DC 5V IN"　DC Power Jack "DC 5V IN"　Network "WAN"

FXS Interface(Connecting to the analog phone)

Highlights

Compact and Portable
Space-saving and portable with compact size

Simple Deployment
Support desktop and wall-mounted installation modes, simple-and-intuitive web configuration

3-way Audio Conference
Connected to the ATA gateway, analog phones are able to provide 3-way HD audio conferences

High Efficiency
It supports remote access to telephone system of enterprises via the Internet or telecommuting

USB Power Supply
Convenient-and-fast power supply via Micro USB interface

Full-scenes-matched
2 SIP lines, 1 FXS interface and 100Mbps network port, suitable for multiple working scenarios

Specification

System	Linux	Network	10/100 Mbps
SIP Lines	2 SIP Lines	Power Supply	DC 5V_1A or Micro USB
Button	Reset Button * 1	Working Temperature	0 ~ 45°C
Audio Codec	G.722, Opus, G.711(A/u), G.729A/B, G.726, iLBC	Working Humidity	10% to 95%
Conference	3-way Conference	Installation	Desktop / Wall-mounted
Caller ID Display	Bellcore, ETSI, NTT, DTMF-based CID	FXS	RJ11*1

Security Industry Audio/Video Products

## High Compatibility·High Reliability·Easy Installation

Fanvil security industry audio/video products are compatible with mainstream IP PBX/IMS platform, enabling users to deploy the devices quickly. Fanvil security industry audio/video products are also characterized by background noise reduction, high-fidelity voice, waterproof, dust-proof and collision-proof protection design, wide temperature range, which can meet the special requirements in different scenarios.

Audio/Video Intercom

Fanvil audio/video intercom has the advantages of HD audio, saving operation cost, quick deployment, easy maintenance and strong scalability. It also features short-in and short-out interfaces to achieve the linkage of other security devices. Users can achieve the remote deployment and management via Fanvil Device Management System.
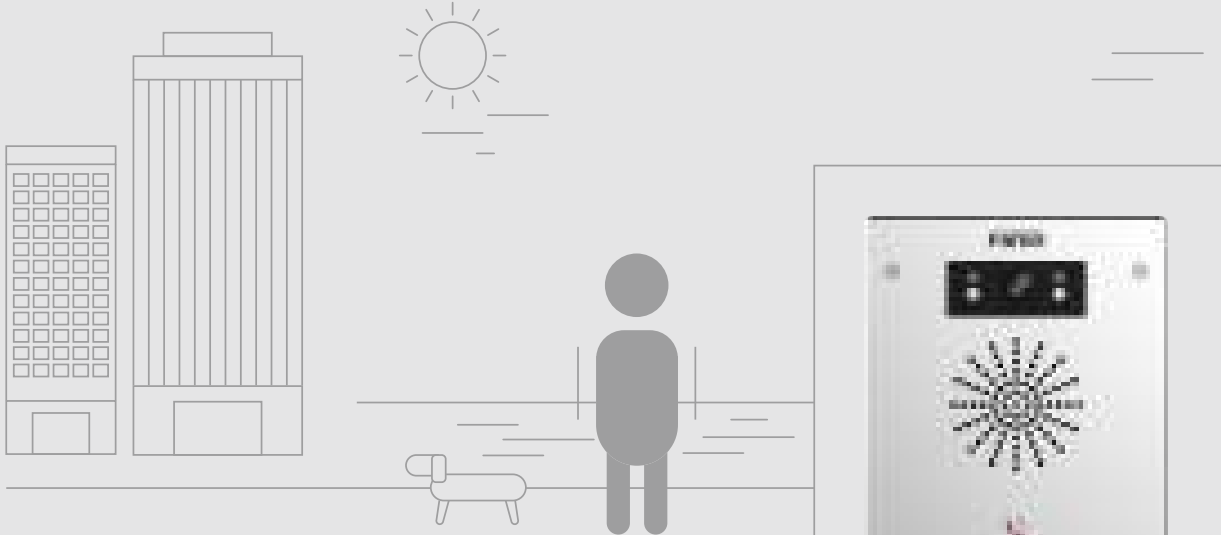
i16SV Video Intercom

Reliable Outdoor Emergency Intercom

Highlights

🎗 Elegant Design

Simple design and operation make it easy for users to operate

HD) HD Audio Intercom

Support G.722 HD audio, with voice intercom of high quality

🎥 HD Video Intercom

Built-in camera supports high-resolution video decoding, making video clearer and smoother

❄ Wide Temperature Range
-30

Wide temperature range from -30℃ to 60℃ can meet demands in adverse outdoor environment

🛡 Multi-protection

IP54 or IP65 protection can effectively prevent dust and splash, suitable for multiple indoor scenarios

📠 Simple Configuration Management

It is configured with webpage online, easy to be managed; batch deployment through Fanvil Device Management Solution (FDMS)

Diagram

Cable

WAN/LAN

Cable

Call

IP Phone

Computor
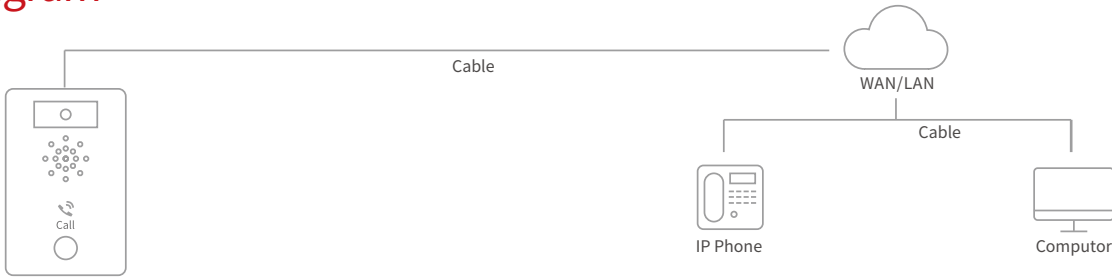
A10 Series SIP mini Intercom

Concise Design and Easy of use

Concise and Stylish Appearance

A10 has a concise and fashion appearance, and is easy to use with a caring design

Clearly Defined Key, Ease of Use

The intercom is equipped with three detachable function keys. Users can customize setting according to what they need

One-click Call, Instant Response

When the users presses the call button, the host machine will receive the call information. The call group members can receive extension calls at the same time. Speeding up the call response speed

External Alarm
Quick Emergency Response

When the user can't get out for help in a special situation, the emergency button can be triggered to call the host machine. Improving the emergency response speed

WiFi Dual-band 2.4GHz & 5GHz Wi-Fi (A10W)

A10W has built-in dual-band 2.4GHz & 5GHz Wi-Fi, providing wireless network communication and fluent communication experience

Y501 Series SIP Healthcare Intercom

Considerate Care and Protection for your Health

Caring And Stylish Design

It has an elegant and fashion appearance, and is easy to use with a caring design

Detachable Function Button
Customize Your Intercom

The intercom is equipped with three detachable function keys. Users can customize settings according to what they need

WiFi Built-in Dual-band Wi-Fi
Cost-efficient Deployment

With built-in 2.4GHz & 5GHz Wi-Fi, the Y501W can be deployed in an existing wireless network without additional wiring cost. It helps to deliver the HD audio communication in every emergency
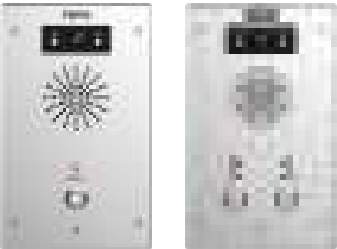
Wireless Emergency Button
Protect You Anytime

433MHz wireless technology has strong anti-interference and spread further. Call for help in an emergency when you can't get to the intercom. Pressing the wireless pendant button to call the host machine.
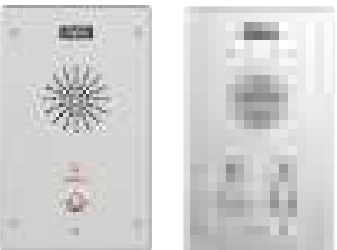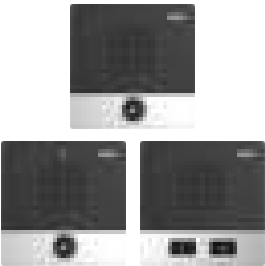
i16SV/i16SV-02P Video Intercom

· Standard SIP protocol, Compatible with major popular IP PBX/IMS platforms
· 1 Access control (i16SV), 2 Access controls(i16SV-02P)
· Built-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
· Report to the control center if the cover is removed with the design of anti-tamper alarm
· -30℃ to 60℃ wide range of temperature adaptability (i16SV)
· Built-in 2 short circuit input interfaces and 2 short circuit output interfaces
· Support online management and upgrade

i16S/i16S-02P Audio Intercom

· Standard SIP protocol, Compatible with major popular IP PBX/IMS platforms
· 1 Access control (i16S), 2 Access controls(i16S-02P)
· 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
· Report to the control center if the cover is removed with the design of anti-tamper alarm
· -30℃ to 60℃ wide range of temperature adaptability
· Built-in 2 short circuit input interfaces and 2 short circuit output interfaces
· Support online management and upgrade

i10S/i10SV/i10SD
Audio/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
· Built-in 1W speaker and Acoustic Echo Canceller (AEC)
· IP54 waterproof and dustproof
· -20℃ to 50℃ wide range of temperature adaptability
· Built-in 1 short circuit input interface and 1 short circuit output interface
· Support online management and upgrade

A10 Series SIP mini Intercom

· Support audio codec G.722 and Opus
· Built-in 2.4G & 5G Wi-Fi (A10W)
· IP54 waterproof and dustproof
· Built-in 2W speaker and Acoustic Echo Canceller (AEC)
· Two Color Status Indicator Light
· Support PoE power supply
· Functionality including security, intercom and broadcasting
· Built-in 1short circuit input/output interface
· Support standard 86 box embedded(A10-E/A10W-E), wall mountable

Y501 Series SIP Healthcare Intercom

· Support audio codec G.722 and Opus
· Built-in 2.4G & 5G Wi-Fi (Y501W)
· Support wireless button (Supported specific accessories,via 433MHz wireless transmission).
· Antibacterial material detachable function buttons.
· IP54 waterproof and dustproof.
· Support PoE power supply.
· Built-in 1 short circuit input/output interface.
· Support standard 86 box embedded, wall mountable .
· Support handset buttons (Y501-Y)
· Two Color Status Indicator Light

Audio/Video Intercom Specification

Picture	i16SV/i16SV-02P Video Intercom	i16S/i16S-02P Audio Intercom	i10SV Video Intercom	i10SD Audio Intercom	i10S Audio Intercom
SIP Lines	2	2	2	2	2
Camera	√	×	√	×	×
Standalone Intercom No Central Unit/Server Needed	√	√	√	√	√
RTSP	√	×	√	×	×
ONVIF	√	×	√	×	×
HD Video (720P)	1080P	×	1080P	×	×
HD Audio	G.722,Opus	G.722,Opus	G.722,Opus	G.722,Opus	G.722,Opus
Linkage with Third Party IP Camera	√	√	√	√	√
Built-in Electric Relay	2	2	1	1	1
Access Control	i16SV:1 i16SV-02P:2	i16S:1 i16S-02P:2	1	2	1
Audio Line-in/Line-out	√	√	√	√	√
Power Supply PoE	√	√	√	√	√
Power Supply 12V DC	√	√	√	√	√
Tamper-Proof	√	√	×	×	×
Protection Level	IP65 & IK10	IP65 & IK10	IP54	IP54	IP54
Wide Temperature Range	-30℃~60℃	-30℃~60℃	-20℃~50℃	-20℃~50℃	-20℃~50℃
Power Amplifier	3W	3W	1W	1W	1W
Short Circuit Output	2	2	1	1	1
Short Circuit Input	2	2	1	1	1
Auto-Provisioning via DHCP/TR069 SIP PNP	√	√	√	√	√
Integration with Third Party Systems	√	√	√	√	√
TF cardreader	√	√	×	×	×
MP3 broadcast	√	√	√	√	√

| Picture	A10/A10W/A10-E/A10W-E	Y501/Y501W	Y501-Y/Y501W-Y
Handset	x	x	√
Color	dark grey	white	white
OS	Linux	Linux	Linux
SIP line	2	2	2
Speed-dial Button	3	3	6
Indicator Light	√	√	√
Network	10/100Mbps	10/100Mbps	10/100Mbps
Power Supply DC	12V/1A	12V/1A	12V/1A
Short Circuit Output	1	1	1
Wi-Fi	A10/A10-E (×) A10W/A10W-E (√)	Y501 (×) Y501W (√)	Y501-Y (×) Y501W-Y (√)
Short Circuit Input	1	1	1
PoE	√	√	√
Working Temperature	-10℃~50℃	-10℃~50℃	-10℃~50℃
Installation	Wall Mountable(A10/A10W) Standard 86 box Embedded(A10-E/A10W-E)	Wall Mountable Standard 86 box Embedded	Wall Mountable Standard 86 box Embedded

Indoor Station

Fanvil indoor station features a clear color screen and 8 alarm input and industrial power input interfaces. It provides reliable security assurance and the easy access control service for the users, creating a safe and comfortable living environment.

i57A SIP Indoor Station
Fashionable Outlook, Easy Operation
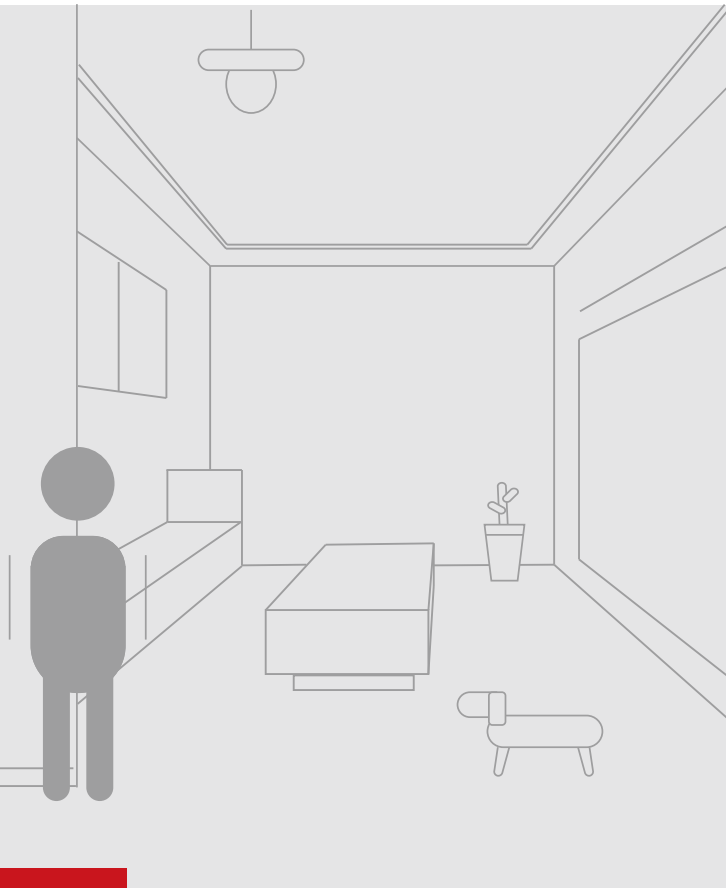
Highlights

Elegant Design
Deliver a user-friendly experience with an elegant design and color screen

Smooth Operation System
Android 9.0 OS supports a greater compatibility and more powerful functions

Easy Operation
With touch screen design, it provide a smoother operation experience for the users

HD Audio and Video Communication
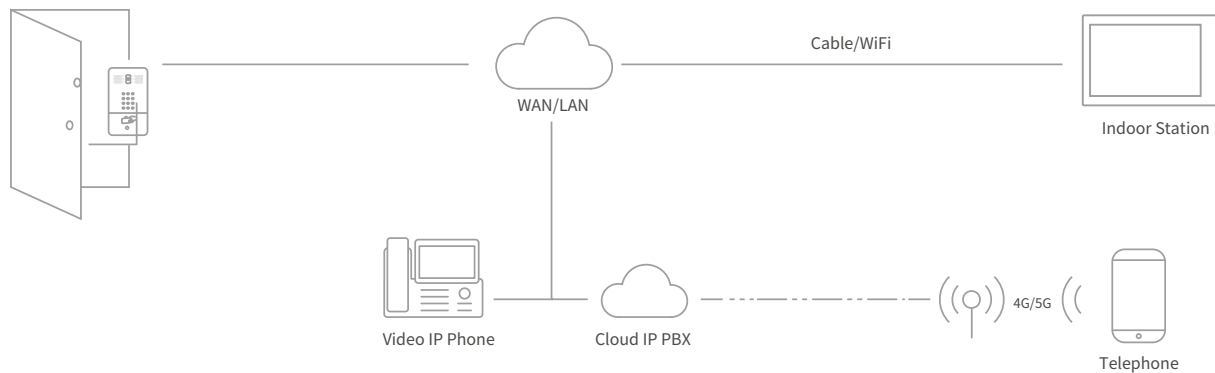Users can communicate with visitors with superb audio and clear video images

Support Wi-Fi
It allows users to choose wireless connection for different requirements

Rich Interfaces
Flexible and powerful with rich interfaces to connect more security devices

Diagram

Cable/WiFi

WAN/LAN

Indoor Station

Video IP Phone

Cloud IP PBX

4G/5G

Telephone

Indoor Station

i57A SIP Indoor Station

· 10.1-inch 1280×800 capacitive color touch screen
· Android 9.0 operating system, meeting the customization needs of industry applications and secondary development
· Aluminum panel design, reliable and durable
· Built-in cool lighting effects, which can be set as status indicators
· Check real-time video of door phones with H.264 video codec and 1080P high resolution
· HD voice speech quality with built-in 2W speaker and Acoustic Echo Canceller
· Built-in Bluetooth 5.0 and 2.4GHz/5G Wi-Fi
· Support RS-485, 8 alarm input interfaces and 2 embedded relays
· Integrated Micro USB interface and maximum 256GB capacity TF card slot
· Wall-mounted installation, PoE integrated

i56A SIP Indoor Station

· 10.1 inch capacitive touch screen, sensitive touch
· Built-in 1W dual speakers and AEC for achieving premium quality hands-free call
· Built-in 2.4G/5G Wi-Fi and Bluetooth
· Monitor over the video door phone and the image of authorized cameras
· Support visual intercom and remote door opening
· 1 pair of RS-485 interface for expanding smart home, defense area or ladder control connection
· 8 alarm input interfaces. It supports external fire/gas alarms connection for improving residential safety

i55A SIP Indoor Station

· 7-inch 1024×600 capacitive color touch screen
· Android 9.0 operating system, meeting the customization needs of industry applications and secondary development
· Five physical buttons, reliable and durable
· Check real-time video of door phones with H.264 video codec and 1080P high resolution
· HD voice speech quality with built-in 2W speaker and Acoustic Echo Canceller
· Built-in Bluetooth 5.0 and 2.4GHz/5G Wi-Fi
· Support RS-485, 8 alarm input interfaces and 2 embedded relays
· Wall-mounted installation, PoE integrated

i53W SIP Indoor Station

· 7 inch capacitive touch screen, sensitive touch
· Built-in 2W speaker and AEC for achieving premium quality hands-free call
· Built-in 2.4G Wi-Fi
· Monitor over the video door phone and the image of authorized cameras
· Support visual intercom and remote door opening
· 1 pair of RS-485 interface for expanding smart home, defense area or ladder control connection
· 8 alarm input interfaces. It supports external fire/gas alarms connection for improving residential safety

i52W SIP Indoor Station

· 7 inch color screen can offer crystal clear visual experience
· Built-in 2W speaker and AEC for achieving premium quality hands-free call
· Built-in 2.4G Wi-Fi
· Monitor over the video door phone and the image of authorized cameras
· Support visual intercom and remote door opening
· 1 pair of RS-485 interface for expanding smart home, defense area or ladder control connection
· 8 alarm input interfaces. It supports external fire/gas alarms connection for improving residential safety

i51W SIP Indoor Station

· 4.3 inch color screen can offer crystal clear visual experience
· Built-in 1.5W speaker and AEC for achieving premium quality hands-free call
· Built-in 2.4G Wi-Fi
· Monitor over the video door phone and the image of authorized cameras
· Support visual intercom and remote door opening
· 1 pair of RS-485 interface for expanding smart home, defense area or ladder control connection
· 8 alarm input interfaces. It supports external fire/gas alarms connection for improving residential safety

Indoor Station Specification

	i57A Indoor Station	i56A Indoor Station	i55A Indoor Station	i53W Indoor Station	i52W Indoor Station	i51W Indoor Station
Picture						
Operation System	Android 9.0	Android 9.0	Android 9.0	Linux	Linux	Linux
Screen	1280×800 10.1-inch Capacitive Color Touch Screen	1280×800 10.1-inch Capacitive Color Touch Screen	1024×600 7-inch Capacitive Color Touch Screen	800×480 7-inch Color Touch Screen	800×480 7-inch Color Screen	480×272 4.3-inch Color Screen
SIP Lines	2	6	2	6	4	4
Phone Book	1000	1000	1000	1000	×	×
Video Codec	H.264	H.264	H.264	H.264	H.264	H.264
Video Resolution	1080P	1080P	1080P	1080P	1080P	1080P
HD Audio	√	√	√	√	√	√
Wideband Codec	G.722, Opus	G.722, Opus	G.722, Opus	G.722, Opus	G.722, Opus	G.722, Opus
PoE	√	√	√	√	√	√
Speaker Power	2W	1W(Dual Speakers)	2W	2W	2W	1.5W
Bluetooth	Built-in Bluetooth 5.0	Built-in Bluetooth 5.0	Built-in Bluetooth 5.0	×	×	×
Wi-Fi	Built-in 2.4/5G Wi-Fi	Built-in 2.4/5G Wi-Fi	Built-in 2.4/5G Wi-Fi	Built-in 2.4G Wi-Fi	Built-in 2.4G Wi-Fi	Built-in 2.4G Wi-Fi
TF Card Slot	UP to 256G	UP to 256G	×	×	×	×
USB	1	1	×	×	×	×
IP mode	IPv4	IPv4	IPv4	IPv4/IPv6/IPv4&IPv6	IPv4/IPv6/IPv4&IPv6	IPv4/IPv6/IPv4&IPv6
Network	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100 Mbps	10/100 Mbps
Alarm Input	8	8	8	8	8	8
Short-circuit Output	2	2	2	×	×	×
Door-bell (Short-circuit Input)	1	×	1	×	×	×
RS485 Interface	1	1	1	1	1	1
Installation	Wall-mounted	Desktop/Wall-mounted	Wall-mounted	Desktop/Wall-mounted	Desktop/Wall-mounted	Desktop/Wall-mounted

Video Door Phone

Fanvil video door phone is designed for users in the security industry. It may be installed indoor or outdoor to provide door access control of various buildings, with hands-free call and video monitoring functions.

i64 Video Door Phone
Robust Outside · Smart Inside

Highlights

Strong and Durable
High protection level IP66 and IK07, waterproof, dustproof and anti-collision

Smart and Convenient
Achieve smart access control with password, RFID/IC cards, NFC, indoor switch, remote DTMF and Time open door

Wide Temperature Range
Wide temperature range from -40℃ to 70℃, it can work perfectly in most outdoor environments

HD Audio and Video
Built-in 2 Mega-pixel wide-angle camera with infrared night-vision feature, users can make audio/video calls via a speed-dial button

Remote Access Control with Mobile Phone
Residents can easily identify visitors via mobile phone App. With one-click door opening feature, it saves lots of time

Thoughtful and Helpful
Can be integrated with induction loop antenna, providing the more humanized service for the users with hearing impairment

Diagram

Cable
WAN/LAN
Video IP Phone
Router
4G/5G
Telephone
Cloud IP PBX
WiFi
iPad
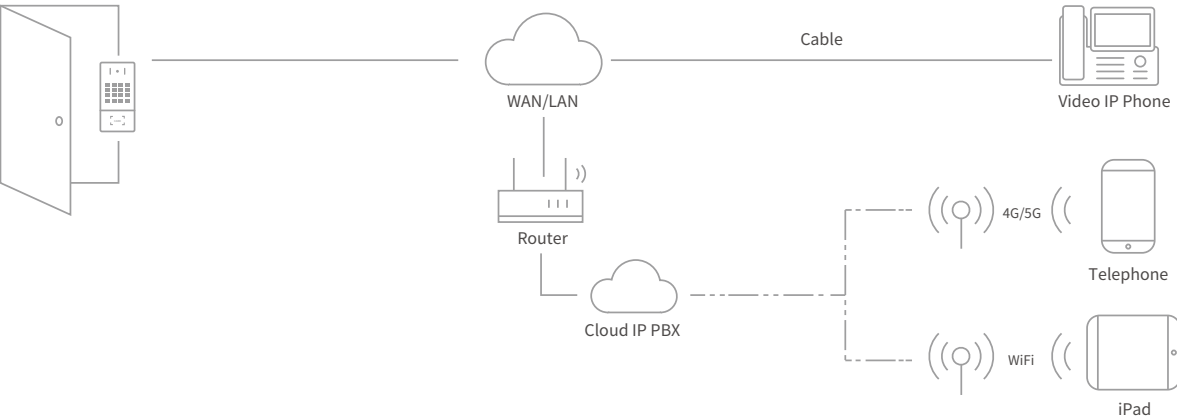
Video Door Phone

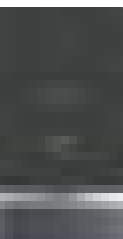## i64 Video Door Phone

· Aluminum alloy design and a numeric keypad
· IP66 and IK07, wide range temperature from -40℃ to 70℃
· Access control by password, RFID/IC cards, NFC, indoor switch, remote DTMF and Timed open door
· Built-in 2 Mega-pixel wide-angle camera with infrared night-vision feature
· Compatible with SIP and ONVIF protocols
· Line-out interface can be integrated with induction loop antenna
· Built-in maximum 128GB capacity TF card for image storage
· HD voice speech quality with built-in 2.5W speaker and Acoustic Echo Canceller
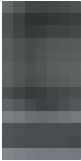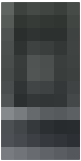
i63 Video Door Phone

· Aluminum alloy design and 5 speed-dial buttons
· IP66 and IK07, wide range temperature from -40℃ to 70℃
· Access control by RFID/IC cards, NFC, indoor switch, remote DTMF and Timed open door
· Built-in 2 Mega-pixel wide-angle camera with infrared night-vision feature
· Compatible with SIP and ONVIF protocols
· Line-out interface can be integrated with induction loop antenna
· Built-in maximum 128GB capacity TF card for image storage
· HD voice speech quality with built-in 2.5W speaker and Acoustic Echo Canceller

i62 Video Door Phone

· Aluminum alloy design and single speed-dial button
· IP66 and IK07, wide range temperature from -40℃ to 70℃
· Access control by RFID/IC cards, NFC, indoor switch, remote DTMF and Timed open door
· Built-in 2 Mega-pixel wide-angle camera with infrared night-vision feature
· Compatible with SIP and ONVIF protocols
· Line-out interface can be integrated with induction loop antenna
· Built-in maximum 128GB capacity TF card slot for image storage
· HD voice speech quality with built-in 2.5W speaker and Acoustic Echo Canceller

i61 Video Door Phone

· Aluminum alloy design and single speed-dial touch button
· IP66 and IK07, wide range temperature from -40℃ to 70℃
· Access control by RFID/IC cards, NFC, indoor switch, remote DTMF and Timed open door
· Built-in 2 Mega-pixel wide-angle camera with infrared night-vision feature
· Compatible with SIP and ONVIF protocols
· Line-out interface can be integrated with induction loop antenna
· Built-in maximum 128GB capacity TF card for image storage
· HD voice speech quality with built-in 2.5W speaker and Acoustic Echo Canceller

Video Door Phone Specification

Picture	i64	i63	i62	i61
Size	177.4x88x36.15mm	177.4x88x36.15mm	177.4x88x36.15mm	159.7x88x36.15mm
Speed-dial Button	1	5	1	1 touch button
SIP Lines	2	2	2	2
Numerical Keypad	√	×	×	×
Number of Access Cards	10000	10000	10000	10000
Built-in Electric Relay	√	√	√	√
Ways to Unlock Door	Local Password, DTMF,RFID/IC Card, NFC,Indoor Switch, Timed open door	DTMF,RFID/IC Card, NFC,Indoor Switch, Timed open door	DTMF,RFID/IC Card, NFC,Indoor Switch, Timed open door	DTMF,RFID/IC Card, NFC,Indoor Switch, Timed open door
Tamper-Proof	√	√	√	√
Integrated with Third Party Systems	√	√	√	√
Link with Third Party IP Camera	√	√	√	√
Wideband Codec	G722/Opus	G722/Opus	G722/Opus	G722/Opus
Video Codec	H.264	H.264	H.264	H.264
Built-in Camera	2 Mega-pixel	2 Mega-pixel	2 Mega-pixel	2 Mega-pixel
Power Amplifier	2.5W	2.5W	2.5W	2.5W
ONVIF	√	√	√	√
Supplement Light	IR Supplement	IR Supplement	IR Supplement	IR Supplement
RTSP	√	√	√	√
PoE	√	√	√	√
TF Card	Up to 128G	Up to 128G	Up to 128G	Up to 128G
Line-out Interface	√	√	√	√
Short Circuit Output	2	2	2	2
Short Circuit Input	3	3	3	3
RS485 Interface	√	√	√	√
Door Magnetic Detector	√	√	√	√
Wiegand Interface	√	√	√	√
Wall-mounted/ Flushed mounted	√	√	√	√
Protection Level	IP66, IK07	IP66, IK07	IP66, IK07	IP66, IK07
Wide Temperature Range	- 40℃ ~ 70℃	- 40℃ ~ 70℃	- 40℃ ~ 70℃	- 40℃ ~ 70℃

Console IP Phone

Equipped with a gooseneck microphone, Fanvil visual paging console phone has powerful functions. Compatible with the standard SIP protocol, it enables intelligent programmable keys and supports hands-free call. It is used as a monitoring center or host for office manager to meet the needs in medium and small scenario dispatching management. It improves the management efficiency and emergency response capabilities.

A32i Android Console IP Phone
Level up Communication Efficiency

Highlights

Business Aesthetic Design
Business aesthetic design, crystal-clear color screen, user-friendly UI interface

Android OS
It ensures stable operation of product and software, with good compatibility and functional extensibility, and support installation and use of third-party Android applications

HD Audio/Video Call
It supports wideband audio codec G.722 and Opus and video codec of H.264 1080P, and can provide the users with premium quality HD audio/video call experience

Fanvil Broadcast System
With Fanvil broadcast system, it is stable and extensible and can achieve rich and flexible broadcast application and system management

HD Video Linkage
With IP camera, it can make audio/video call with the video phone and view the HD video image of the camera

Unattended Operation
Unattended operation mode is suitable for night or temporary absence scenarios at management center, so the management may become convenient and real time

Console IP Phone

A32i Android Console IP Phone

· 10.1 inch touch screen, easy for operation
· Support Android 9.0 OS for the installation of third-party Android application
· Optional Fanvil Press-To-Mute handset
· Gooseneck microphone presents sound with good reproduction
· Up to 112 DSS keys DIY configuration, with each DSS key set as Line/BLF/speech dial, etc.
· Built-in Fanvil broadcast system can achieve rich and flexible broadcast application and
  management
· Provide premium HD audio with wideband audio codec G.722 & Opus
· 20 SIP lines
· Built-in Bluetooth 4.2. It supports Bluetooth headset, EHS headset
· Built-in 2.4G/5G Wi-Fi
· Be able to receive video calls with video codec H.264
· Dual Gigabit ports, Integrated PoE
· Support video codec of H.264, with camera and Fanvil video door phone for video call
· View video on door phone screen to open door remotely

X210i Console IP Phone

· A 4.3 inch color screen, 2 x 3.5 inch side color screens
· Gooseneck microphone presents sound with good reproduction
· Up to 106 DSS keys provided for easy and quick feature customization such as BLF,
  speed dial, group broadcasting etc.
· Provide premium HD audio with wideband audio codec G.722 & Opus
· 20 SIP lines
· Built-in Bluetooth 4.2. It supports Bluetooth headset and EHS headset
· Easy to connect Wi-Fi via WiFi Dongle
· Be able to receive video calls with video codec H.264
· Dual Gigabit ports, Integrated PoE

Console IP Phone Specification

	A32i Android Console IP Phone	X210i Console IP Phone
Picture		
Main Screen	1280X800 10.1-inch Color Touch Screen	480X272 4.3-inch Color Screen
Side Screen	×	Two 3.5-inch 480X320 Color Screens
Video Codec	H.264/H.265(Optional) 720P/1080P	H.264/1080P
Video Call	√ Only receive video from the calling side	√ Only receive video from the calling side
Camera	1080P Fanvil CM60 HD USB Camera (Optional)	×
Gooseneck Microphone	√	√
DSS Keys	112	106
SIP Lines	20	20
Lines Keys	Reuse virtual DSS Key	10
Local Phone Book	2000	2000
Call Log	1000	1000
Audio Conference	10-way conference	6-way conference
IPv6	×	√
HD Audio	√	√
Wideband Codecs	G.722,Opus	G.722,Opus
Bluetooth	Built-in Bluetooth 4.2	Built-in Bluetooth 4.2
Wi-Fi	Built-in 2.4G/5G Wi-Fi	Via USB Dongle
PoE	√	√
Network	10/100/1000 Mbps	10/100/1000 Mbps
EHS Headset	√	√
Foot Stand	40° and 50°	40°and 50°
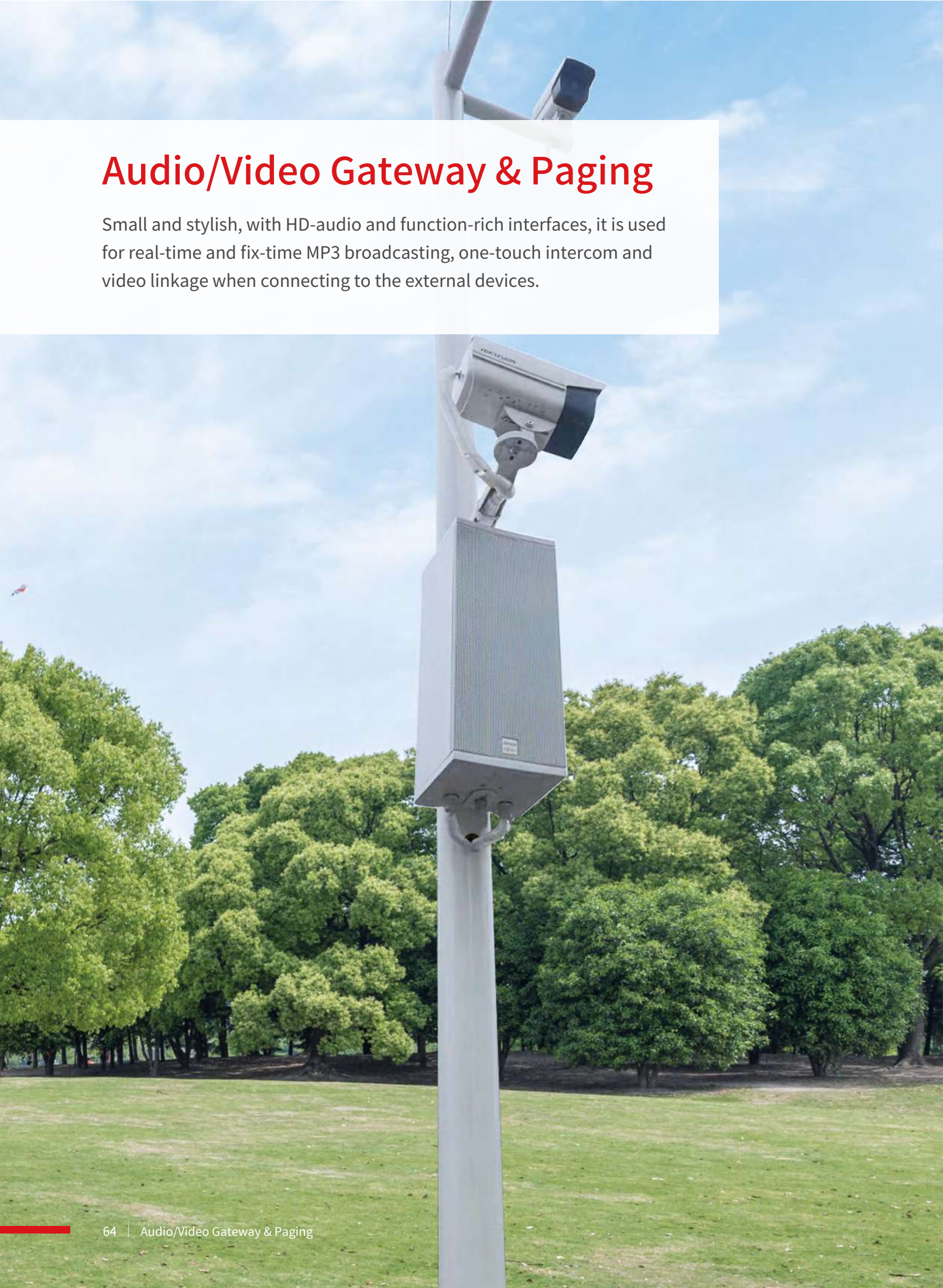
Audio/Video Gateway & Paging

Small and stylish, with HD-audio and function-rich interfaces, it is used for real-time and fix-time MP3 broadcasting, one-touch intercom and video linkage when connecting to the external devices.

PA3 SIP Audio/Video Gateway
Rich Interfaces, Wide Application Scenarios

Highlights

Perfect for Industrial Devices
Small and stylish, it is easily and flexibly installed in other industrial devices
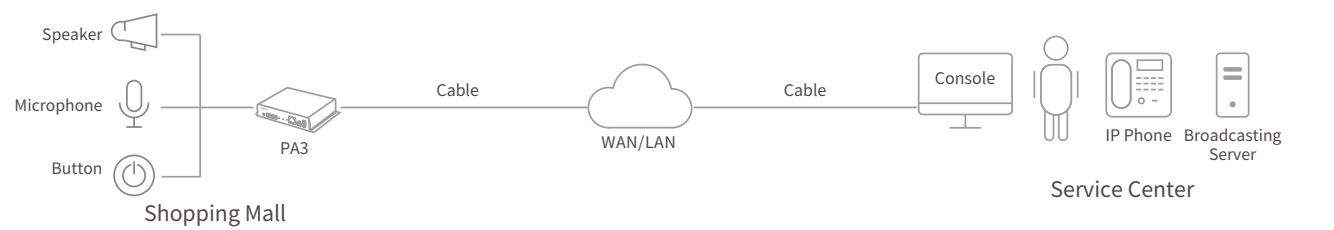
HD Audio for Public Broadcasting
With wideband audio codec G.722/Opus/MP3, it brings the users a crystal-clear telecom auditory experience

Rich Interfaces
A variety of interfaces enable you to quickly customize your broadcasting, amplification and intercom solution, to suit a wide range of applications

Video Linkage with IP Camera
With IP camera, it achieves audio/video call with the video phone and view the HD video image of the camera

Standard Network Communication Protocol
Based on SIP standard communication protocol. It can be deployed in both LAN and WAN

Diagram

Speaker
Microphone
Button
PA3
Shopping Mall

Cable

WAN/LAN

Cable

Console
IP Phone Broadcasting Server
Service Center

FH-S01 SIP Ceiling Speaker

All in One Functionality

All in One Functionality

Integrated coaxial-driver, built-in digital signal processor and digital amplifier, plug-and-play when connecting to PoE

High-intelligibility Performance

Support MP3 broadcasting with a sampling rate of 44.1KHz; With up to 20W audio power, it delivers crystal clear sound at a distant range

Talkback with Built-in Microphone

Built-in omnidirectional microphone, support talkback that enables users to talk with the caller directly

Emergency Notification Alerting

Provide a flexible connection to the PIR sensor and door sensor; With the customization of WAV files for emergency notification and alarm, users can deal with emergencies effectively
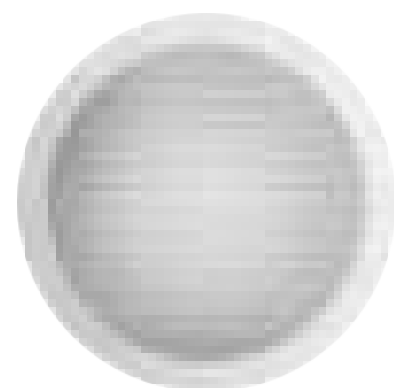
Multicasting Functionality

Support 10 multicast zones with prioritization, which can be set on the WEB page for paging


Audio/Video Gateway & Paging

PA3 SIP Paging Gateway

· Small and stylish, it can be installed in other devices
· SOS call key interface, one-click call
· Line in audio input interface, 3.5mm standard audio interface, plug-and-play
· Line out audio output interface, it is extended to external active speaker interface
· 10W~30W single-channel power output, can adapt output power by input voltage
· Support USB 2.0 interface and TF card slot, for data storage or offline play of audio
· Megabit Ethernet and PoE

PA2S SIP Paging Gateway

· Small and stylish, it can be installed in other devices
· SOS call key interface, one-click call
· Camera NVR recording, standard RJ45 interface
· Recording output, 3.5mm standard audio interface, plug-and-play
· Line out audio output interface, it is extended to external active speaker interface
· 10W~30W single-channel power output, can adapt output power by input voltage
· Support 1 short circuit input and 1 short circuit output interface
· Megabit Ethernet and PoE
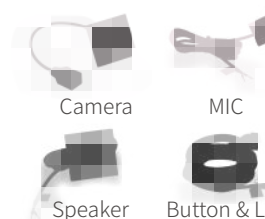
SIP PA2-KIT

· 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
· Available for PA2/PA2S SIP paging gateway

Camera   MIC

Speaker   Button & LED

FH-S01 SIP Ceiling Speaker
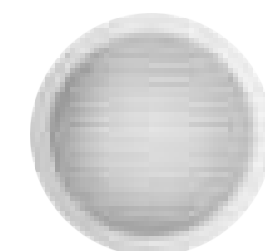
· All in one functionality with audio codec, digital amplifier, and speaker
· High-intelligibility performance with G.722&Opus codecs
· Support up to 10 multicast zones with prioritization
· Audio power up to 20W (DC power supply) with built-in class D amplifier
· Support talkback with a built-in microphone
· Customize the WAV file for emergency notification and alarm
· Linkage with security alarming devices
· Support remote configuration via a web page and auto-provisioning
· 10/100 Mbps Ethernet, Integrated PoE

Audio/Vido Gateway Specification

Picture	PA3 Paging Gateway	PA2S Paging Gateway
SIP Line	2	2
Camera	×	√ Via external accessories
Standalone Intercom No Central Unit/Server Needed	√	√
RTSP	√	√
ONVIF	√	√
HD Video (720P)	×	Up to 1080P for IP Camera
HD Audio	G.722 ,Opus	G.722 ,Opus
Linkage with Third Party IP Camera	√	√
Built-in Electric Relay	×	1
Audio Line-in/Line-out	Audio Line-in/Line-out	Audio Line-in/Line-out
Power Supply PoE	PoE Class4	√
Power Supply 12V DC	12V-24V 2A	12V-24V 2A
Wide Temperature Range	-20°C~50°C	-40°C~70°C
Power Amplifier	Max 4Ω/30W or 8Ω/15W	Max 30W
Short Circuit Output	×	1
Short Circuit Input	×	1
Auto-Provisioning via DHCP/TR069 SIP PNP	√	√
Integration with Third Party Systems	√	√
TF Cardreader	√	×
USB 2.0	√	×
MP3 Broadcasting	√	√

Business Conferencing
CS30 Speakerphone

HD Audio with Intelligent Noise Reduction
The separation design of Microphone and speaker effectively eliminates echo and whistling. Fanvil CS30 provides automatic precise restoration of human voice to ensure the meeting quality with AEC and AGC technology.

Hear You Clearly Wherever You Sit
With 4-microphones, 360° omni-directional voice pickup and voice tracking of speakers, Fanvil CS30 enables you to enjoy a clear, stable, and smooth conference.

Compact and Portable, Meet Anytime Anywhere
Designed to fit anywhere in the office, CS30 is compact and portable. You can take it for meetings anytime

Easy to Connect, Simple to Control
Provide you with plug-and-play connectivity to your computer and smartphone via NFC/Bluetooth wireless pairing and USB wired connection.

Large Capacity Battery for Long-term Use
Installed with a 2000mAh battery, CS30 is ready for 8 hours talk time.
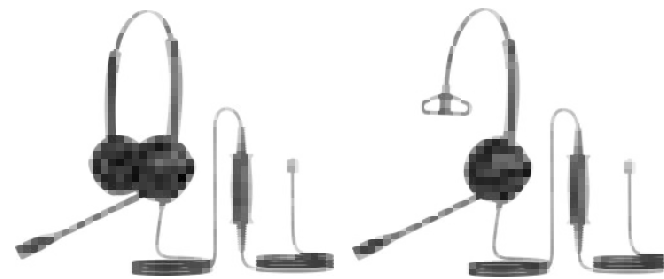
Headset

HT301-U/HT302-U
USB Wired Headset

· Support Environmental Noise Cancellation Technology to reduce the background noise
· Support wideband HD audio, designed for the calling and music
· Ergonomic design with soft leather ear cushions and ultra-lightweight
· 260° bendable boom arm allows users to wear according to their preference
· Compatible with all Fanvil IP phones and PC devices with USB interface

HT301/HT302 QD to RJ9 Headset

HT302-U

HT301-U

Accessories

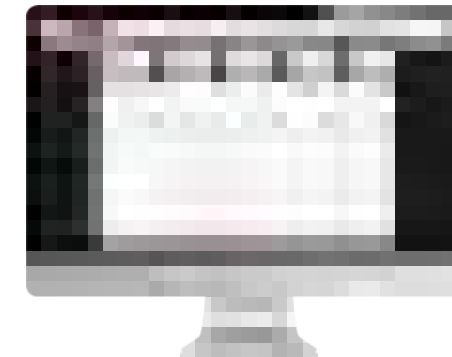| USB Bluetooth Adapter BT20 | EHS Switch Adapter EHS20 | USB WiFi Adapter WF20 | Portable USB HD Camera CM60 |

FDPS and FDMS

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 Fanvi 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 (Fanvil Device Management Solution)

● Auto-Provisioning

● Remote Management and Maintenance

● Stable System with High Security

Application
- Fanvil Device Management Solution (FDMS) provides users with a quick and easy-to-use tool for remote deployment and management of devices, improving the installation efficiency and saving maintenance time and cost.

Features
- Cloud Deployment / Local Server Deployment: Cloud deployment and local server deployment are available. Users can use it directly on the web and don't need to download the software, reducing the complexity of procedures
- Remote Deployment and Management: Integrated functions of equipment management, account registration, configuration upgrade, firmware upgrade, device diagnosis, order management, statistical analysis
- Auto-Provisioning: Achieve the online configuration and management of devices in batches via different sites and models
- Online Maintenance: Multi-party information alarm for abnormal situations and timely online maintenance to improve management efficiency
- High Security: Guarantee the security of user data with TLS certificate verification and mutual certificate verification