

# iW30 SIP Speaker

The iW30 is a SIP Speaker for industry customer with standard IP/RTP voice transmission protocol and compatible with all main SIP based IP PBX /Softswitch/IMS platforms like Asterisk, Broadsoft, 3CX, Elastix etc for quick and easy deployment. It supports third party's telephony system to achieve the combination system including telephony, broadcasting and intercom for the application scenarios like office, school, hotel and supermarket.



## Function Highlights

- ☑ Compatible with standard SIP (RFC3261) protocol and main IP PBX/IMS platforms
- ☑ All-in-one and wall-mounted design, integrated with network audio codec, digital amplifier and speaker
- ☑ Built-in Hi-Fi 30W speaker
- ☑ Adaptive output power according to the power supply voltage (10W~30W)
- ☑ Video linkage with IP camera to monitor on-site during broadcasting
- ✓ Volume adjustment via online remotely
- ☑ Built-in audio output interface for external active speakers
- ☑ Standard RJ45 port, support across different network segment and router

## Applications



Business



Shopping Mall



Education



School



Transportation



Parking Lot



Public



Playground

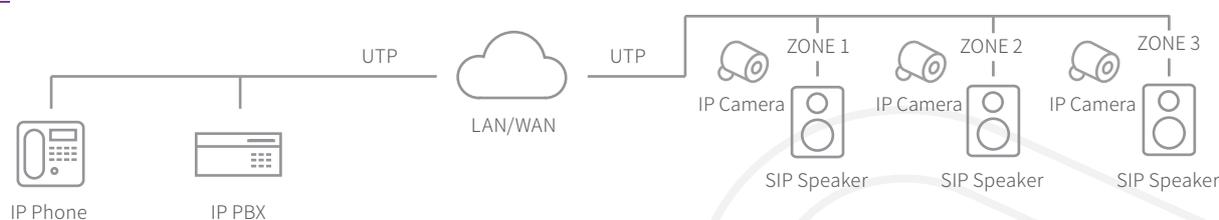
## Flexible choice of amplifier output power

10W : POE/12V DC 1A power supply

20W : 18V DC 2A power supply

30W : 24V DC 2A power supply

## Connection block diagram



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## Basic Performance

- 2 SIP lines
- PoE enabled (Power Over Ethernet)
- Wall-mounted installation
- A built-in audio output to connect external speaker
- Support external power supply
- Industry certification: CE/FCC

## Audio Features

- Narrowband speech coding: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband speech coding: G.722
- Voice activation detection/mute
- DTMF: With the audio (In-band), Out-of-band (RFC2833) / SIP INFO

## Network/Security features

- Support PoE
- support the DNS and secondary DNS server
- Support VLAN
- Support SNTP client
- Support VPN L2TP / PPTP / IPSec
- Support SRTP
- Support web page HTTP / HTTPS
- Support Qos:802.1p/q, DSCP
- Support the MD5 authentication
- Support Web Filter
- DHCP / static / PPPoE
- STUN

## Configuration and Management

- Via FTP/TFTP DHCP OPT66 / SIP/HTTP/HTTPS/PNP/TR069 automatically
- Web management interface
- Web Packet capture (Web -based Packet - dump)
- Configuration export/import
- Software upgrade
- System logs (Syslog)

## Physical Specifications

- WAN port: 10/100BASE-Tx, Auto-MDIX, RJ-45
- LAN port: 10/100BASE-Tx, Auto-MDIX, RJ-45
- Main chip: Broadcom
- Output power: according to the power supply voltage  
A) PoE 10W; B) the 12V/2A, 10W. C) 18V/2A 20W; D) 24V/2A 30W
- Frequency range: 75 Hz - 20 kHz
- Power supply: 12V 2A/ 18V 2A/24V 2A DC or PoE(48V)
- Working temperature: - 10 ~ 50 °C
- Storage temperature: - 10 ~ 50 °C
- Relative humidity: 20 ~ 80%
- Package weight: 3.1 kg
- Equipment size: 165 x240x185mm (W x H x L)
- Gift box dimensions:260x315x305mm (W x H x L)
- Outer CTN dimensions: 530 x 340 x 630mm (4 PCS)

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.

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

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## Compatibility List:



[www.fanvil.com](http://www.fanvil.com)

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