



Unified IP Phone Series Datasheet





Essential Series

- 2 SIP accounts, 2 lines
- 132x64 pixel 2.4" LCD, backlit display
- PoE integrated
- 5-way audio conferencing
- Connects with DSS extension module

Premier Series

- 8 SIP accounts, 8 lines
- 320x240 pixels, 2.8-inch color LCD display
- PoE integrated
- 5-way audio conferencing
- Connects with DSS extension module

Elite Series

- 10 SIP accounts, 40 programmable keys
- 4.3-inch color IPS LCD
- Opus HD audio codec
- Dual Gigabit ports with PoE and USB for WiFi or recording
- OpenVPN, TLS & SRTP encryption

Executive Series

- 4 SIP accounts, 4 lines
- 320x240 pixels, 2.4-inch color LCD display
- PoE integrated
- 5-way audio conferencing
- Connects with DSS extension module

SWP-102M	SWP-102G	SWP-102W
Fast Ethernet	Gigabit Ethernet	Wi-Fi

SWP-508M	SWP-508G	SWP-508W
Fast Ethernet	Gigabit Ethernet	Wi-Fi

SWP-710G
Gigabit Ethernet

SWP-304M	SWP-304G	SWP-304W
Fast Ethernet	Gigabit Ethernet	Wi-Fi



Essential Series

- 2.4-inch backlit color LCD
- Dual SIP account support
- HD voice with noise reduction
- Optional 2.4G & 5.8G WiFi
- Remote address book management (LDAP)
- TLS & SRTP encryption, OpenVPN support
- Compact and elegant design

Core Features

- 2 SIP lines, five-way conference
- DSS, BLF, speed dial, hotline keys
- Handle / hands-free / headset mode
- Call hold, transfer, forward, DND, auto-answer
- Multi-language, caller ID, call history (1,200 records)

Audio

- HD voice (handset & speaker)
- Codecs: G.722, Opus, G.711, G.729AB
- Echo cancellation, jitter buffer, DTMF (in-band/RFC2833/SIP INFO)

Contacts

- Phonebook (1,000 entries)
- LDAP/XML support, blacklist

Network & Security

- IPv4/IPv6, DHCP/Static
- VLAN, QoS, TLS, SRTP, 802.1X
- TR-069, OpenVPN
- Optional dual-band Wi-Fi

Configuration

- Web UI & auto provisioning (FTP/TFTP/HTTP/HTTPS/SIP PnP/TR-069)
- Firmware upgrade, packet capture, factory reset

Interface & Display

- 2.4" backlit LCD
- 2×RJ45 ports (10/100/1000M), RJ9 headset, USB 2.0
- Wall-mount or desktop installation

Power & Size

- PoE (IEEE 802.3af/at) or DC 5V
- Size: 187 × 184 × 147 mm
- Power: 2–3W

SWP-102M	SWP-102G	SWP-102W
Fast Ethernet	Gigabit Ethernet	Wi-Fi



TLS & SRTP



OpenVPN



5-party
Conference



HD audio



DSS
Expansion



Address book



Executive Series

- 2.4-inch color LCD display
- 4 SIP lines, paperless key labeling
- Encrypted calls with OpenVPN, TLS, SRTP
- HD audio with noise reduction
- USB recording and Wi-Fi (optional)
- Remote address book management
- Elegant UI design with intuitive interface

Core Features

- 4 SIP lines, five-way conference
- DSS, BLF, speed dial, hotline keys
- Handle / hands-free / headset mode
- Call hold, transfer, forward, DND, auto-answer
- Multilingual interface, caller ID, call logs (up to 1200)

Audio

- HD voice (handset & speaker)
- Codecs: G.722, Opus, G.711, G.729AB
- Echo cancellation, jitter buffer, DTMF (in-band/RFC2833/SIP INFO)

Contacts

- Phonebook (1,000 entries)
- LDAP/XML support, blacklist

Network & Security

- IPv4/IPv6, DHCP/Static
- VLAN, QoS, TLS, SRTP, 802.1X
- TR-069, OpenVPN
- Optional dual-band Wi-Fi, QoS support

Configuration

- Web UI & auto provisioning (FTP/TFTP/HTTP/HTTPS/SIP PnP/TR-069)
- Firmware upgrade, packet capture, factory reset

Interface & Display

- 2.4" color LCD (320×240)
- 4 SIP line keys with LED, soft & function keys
- 2×RJ45 ports (10/100/1000M), RJ9 headset, USB 2.0
- Wall-mount or desktop installation

Power & Size

- PoE (IEEE 802.3af/at) or DC 5V
- Size: 187 × 184 × 147 mm
- Power: 2–3W

SWP-304M	SWP-304G	SWP-304W
Fast Ethernet	Gigabit Ethernet	Wi-Fi



TLS & SRTP



OpenVPN



USB2.0



HD audio



DSS
Expansion



Address book



Premier Series

- 2.8" color LCD display
- 8 SIP lines, electronic page turning
- Encrypted calls (OpenVPN/TLS/SRTP)
- HD audio with noise reduction
- Supports USB recording and WiFi
- Remote address book management
- Business-style design, elegant and practical

Core Features

- 8 SIP lines, five-way conference
- DSS, BLF, speed dial, hotline keys
- Handle / hands-free / headset mode
- Call hold, transfer, forward, DND, auto-answer
- Multilingual UI, caller ID, 1200-call log history

Audio

- HD voice (handset & speaker)
- Codecs: G.722, Opus, G.711, G.729AB
- Echo cancellation, jitter buffer, DTMF (in-band/RFC2833/SIP INFO)

Contacts

- Phonebook (1,000 entries)
- LDAP/XML support, blacklist

Network & Security

- IPv4/IPv6, DHCP/Static
- VLAN, QoS, TLS, SRTP, 802.1X
- TR-069, OpenVPN
- Optional dual-band Wi-Fi

Configuration

- Web UI & auto provisioning (FTP/TFTP/HTTP/HTTPS/SIP PnP/TR-069)
- Firmware upgrade, packet capture, factory reset

Interface & Display

- 2.8" color LCD (320x240)
- 8 SIP line keys with LED, 4 soft keys, 6 function keys
- 2×RJ45 ports (10/100/1000M), RJ9 headset, USB 2.0
- Wall-mount or desktop installation

Power & Size

- PoE (IEEE 802.3af/at) or DC 5V
- Size: 187 × 184 × 147 mm
- Power: 2–3W



TLS & SRTP



OpenVPN



USB2.0



HD audio



DSS
Expansion



Smart Keys

SWP-508M

SWP-508G

SWP-508W

Fast Ethernet

Gigabit Ethernet

Wi-Fi



Elite Series

- 4.3" IPS color display with smooth operation
- 10 SIP lines, up to 40 programmable keys
- Opus HD codec for crystal-clear audio
- Dual Gigabit ports with PoE support
- USB for Wi-Fi, recording, and playback
- Advanced security with OpenVPN, TLS, SRTP
- Easy remote management via TR-069

SWP-710G

Gigabit Ethernet

Core Features

- 10 SIP lines, five-way conference
- 40 programmable keys via page-turning design
- Handle / hands-free / headset mode
- Call hold, transfer, forward, DND, auto-answer
- Multilingual UI, caller ID, 1200-call log history

Audio

- Opus & G.722 wideband codecs for HD voice
- Echo cancellation, jitter buffer, noise reduction
- DTMF: in-band / RFC2833 / SIP INFO

Contacts

- Phonebook (1,000 entries)
- LDAP/XML support, blacklist

Network & Security

- IPv4/IPv6, DHCP/Static
- VLAN, QoS, TLS, SRTP, 802.1X
- TR-069, OpenVPN

Configuration

- Web UI & auto provisioning (FTP/TFTP/HTTP/HTTPS/SIP PnP/TR-069)
- Firmware upgrade, packet capture, factory reset

Interface & Display

- 4.3" color IPS LCD (480×272)
- Dual Gigabit ports (10/100/1000M), RJ9 handset/headset, USB 2.0
- Wall-mount or desktop installation

Power & Size

- PoE (IEEE 802.3af/at) or DC 5V
- Size: 187 × 183 × 162 mm
- Power: 2–3W



TLS & SRTP



OpenVPN



OPUS



HD audio



DSS
Expansion



Address book

Unified Communication

IP Phones



SWP-C01M Agent Phone

- 132x64 pixel, 3 inch LCD backlit display
- Integrated PoE
- Dual network ports; RJ9 headset jack supported;
- 5-way audio conferencing



SWP-H01M Hotel Phone

- 8 SIP accounts, 8 lines
- 320x240 pixels, 2.8-inch color LCD display
- Dual-switched 10/100 Mbps ports, integrated PoE
- 5-way audio conferencing



SWP-H02M Compact Phone

- Compact, elegant design with full features
- 10 one-touch speed dials
- 2 programmable DSS keys
- Dual-band Wi-Fi (2.4G/5G)
- Desktop or wall-mount installation



SWP-P02W Wifi Phone

- 8 SIP accounts, 8 lines
- 320x240 pixels, 2.8-inch color LCD display
- Dual-switched 10/100 Mbps ports, integrated Wifi & PoE
- 5-way audio conferencing
- Connects with DSS extension module



SWP-H01M Hotel Phone

- Custom logo and programmable panel
- 2 SIP Accounts, 13 flexible function keys
- Encrypted communication with OpenVPN, TLS & SRTP
- High-fidelity sound with noise reduction
- Optional PoE for simplified deployment
- Refined and practical design tailored for hotel style

Core Features

- 2 SIP accounts, 13 programmable keys
- DSS, BLF, speed dial, hotline support
- Handset / hands-free / headset mode
- Common call features: hold, mute, transfer, forward, DND, auto-answer
- Multilingual UI, caller ID, 5-way conference, ringtone customization

Audio

- HD audio on handset and speaker
- Codecs: G.722, Opus, G.711, G.729AB
- Echo cancellation, jitter buffer, noise control

Contacts

- XML/LDAP support, 1000 local entries
- Call log up to 1200 records, contact import/export

Network & Security

- IPv4/IPv6, DHCP/Static, VLAN, SIP v1/v2
- TLS, SRTP, TR-069, OpenVPN, 802.1X
- Optional 2.4G/5G Wi-Fi, QoS (802.1p/Q, ToS, DSCP)

Management

- Web UI, auto-provisioning, packet capture
- Firmware upgrade, diagnostics, restore options

Interface & Display

- 2 x 10/100M RJ45, RJ9 headset, USB, DC in
- 13 programmable keys, volume and function buttons
- Custom panel, desktop or wall-mount design

Power & Size

- PoE (802.3af/at) or DC 5V
- Size: 187 × 184 × 147 mm
- Power: 2–3W



TLS & SRTP



Multilingual



Customizable
panel



HD audio



POE



Function
Keys



SWP-H02W Compact Phone

- Elegant and compact design with full functionality
- Supports up to 10 one-touch speed dial keys
- 2 programmable DSS keys for flexible operation
- Dual-band WiFi (2.4G / 5G) connectivity
- Desktop and wall-mount installation options
- Supports service code voice broadcast and factory reset
- Simple setup and fast deployment

Core Features

- 2 SIP accounts, 12 keypad buttons + 2 DSS keys
- Speed dial, hotline, redial, DND, auto-answer
- Handset / hands-free mode, 3-way conference
- Common call features: hold, mute, call waiting, transfer, forward
- Service code voice broadcast & factory reset
- Supports both desktop and wall-mount installation

Audio

- HD audio on handset and hands-free
- Wideband codec: G.722
- Narrowband codecs: G.711(A/μ), G.723.1, G.729AB, G.726
- Echo cancellation (AEC), jitter buffer (up to 300ms), AGC, VAD, CNG
- DTMF: In-band, RFC2833, SIP INFO

Network & Security

- Dual-band Wi-Fi (2.4G / 5G)
- IPv4 / IPv6, DHCP / Static IP, VLAN
- TLS, SRTP, OpenVPN, IEEE802.1X
- STUN / ICE NAT traversal, redundant server
- QoS (802.1p/Q, ToS, DSCP), TR-069 management

Management

- Web-based configuration and auto provisioning
- Supports FTP / TFTP / HTTP / HTTPS / DHCP Option 66 / SIP PnP
- Firmware upgrade, packet capture, diagnostic tools
- Configuration file import/export and encryption
- SNTP time sync, HTTPS certificate management

Interface & Display

- RJ11 handset port ×1, RJ45 network port ×1
- DC input 5V/2A
- LED indicator (Red), 2 DSS keys, 3 function keys (Mute, Redial, Hands-free)
- Elegant black housing, R11 handset curve
- Supports both desktop and wall-mount installation

Power & Size

- DC 5V / 2A power supply
- Power consumption: 2–3W



TLS & SRTP



Multilingual



Customizable
panel



HD audio



POE



Function
Keys



SWP-C01M Agent Phone

- Affordable, offering excellent cost-performance ratio
- Supports 2 SIP accounts for handling multiple calls
- 2.4-inch black and white LCD display with backlight and 132x64 resolution
- Dual 100M Ethernet ports for reliable and fast network connectivity
- External foot switch for convenient call answering and hanging up
- Plug-and-play functionality with automatic and unified deployment

Network Features

- Supports SIP v1/v2 (RFC2543/3261), IPv4/IPv6, VLAN, CDP/LLDP, DHCP, OpenVPN
- Transmission: UDP/TCP/TLS, SRTP, QoS (802.1p/Q, ToS/DSCP), TR-069, STUN, ICE

Audio Features

- HD audio via handset and speaker, full-duplex hands-free, echo cancellation
- Codecs: G.722, Opus, G.711, G.729AB, G.726, iLBC; DTMF via In-band, RFC2833, SIP INFO
- Advanced processing: VAD, CNG, PLC, BNE, AGC, jitter buffer

Display & Keypad

- 2.4" B/W LCD (132x64) with backlight
- 20 keys: 12-digit, 4 soft keys, 2 volume keys, 2 LED function keys (mute/headset)

Physical Interfaces

- 2 × RJ9 (Headset, Monitor), 2 × RJ45 (LAN/PC), 2 × 3.5mm (Headset, Foot switch)

Telephone Functions

- 2 SIP accounts, 5-way conference, call transfer, pickup, park, forwarding, voicemail
- Supports phonebook (1,000), call logs (1,200), DND, auto answer, IP direct dial

Security & Management

- AES 256-bit, TLS, SRTP, 802.1X; admin/user login protection
- Web-based config, TR-069 provisioning, firmware upgrade via HTTP/HTTPS

General Specs

- Fall resistance: 1.3m; Power: DC 5V or PoE (802.3af)
- Dimensions: 168×111×140mm; Weight: 0.35kg; Temp: 0~45°C
- Languages: Multi-language UI (EN, CN, FR, ES, AR, etc.)



2 SIP
accounts



POE



Plug-and-
play



Monitoring
features



3.5mm/RJ9
headset



Address book



SWP-P02W Wifi Phone

- Supports 4G LTE and Wi-Fi (2.4GHz & 5GHz).
- Allows seamless movement between networks for uninterrupted calls.
- High-definition display with smooth, colorful icons for an enhanced user experience.
- Extended battery life for all-day usage without frequent charging.
- Reliable and secure operating system for smooth functionality.
- Ideal for mobile communication in various environments

Network & Protocols

- SIP (RFC3261), RTP/RTCP, STUN, SIMPLE
- IPv4/IPv6, DHCP, DNS, HTTP/HTTPS, LLDP-MED
- TLS, SRTP, 802.1x, TR-069, LDAP

Audio

- HD voice: G.722, Opus | G.711, G.723.1, G.729AB, G.726, iLBC
- DTMF: In-band, RFC2833, SIP INFO
- Full duplex hands-free, AEC, VAD, CNG, PLC, AGC, jitter buffer

Display & Controls

- 2.4" TFT color screen (240×320), icon-based UI
- Keypad: 12-digit, 5 navigation keys, volume keys, soft & function keys

Connectivity

- Dual-band Wi-Fi (2.4G & 5G), 4G LTE with Nano SIM
- USB Type-C (power & data)

Power & Battery

- 2000mAh rechargeable Li-ion battery
- Up to 48h talk time, Type-C or DC 5V power input

Telephony Features

- PTT, emergency call, 5-party conference
- Hold, transfer, forwarding, auto-answer, flexible dialing
- Call log (1200), phonebook (1000), XML/LDAP supported

Security & Management

- MD5/MD5-sess auth, AES-256, SRTP/TLS
- Admin/user password levels
- Web UI, remote config via TR-069, FOTA support

Hardware Specs

- Size: 153 × 55 × 15 mm (handset), 0.14 kg
- Charging base: 85 × 62 × 86.7 mm, total weight: 0.26 kg
- Drop resistance: 1.3m; Op temp: 0~45°C, RH: 10–90%



2 SIP
accounts



POE



Plug-and-
play



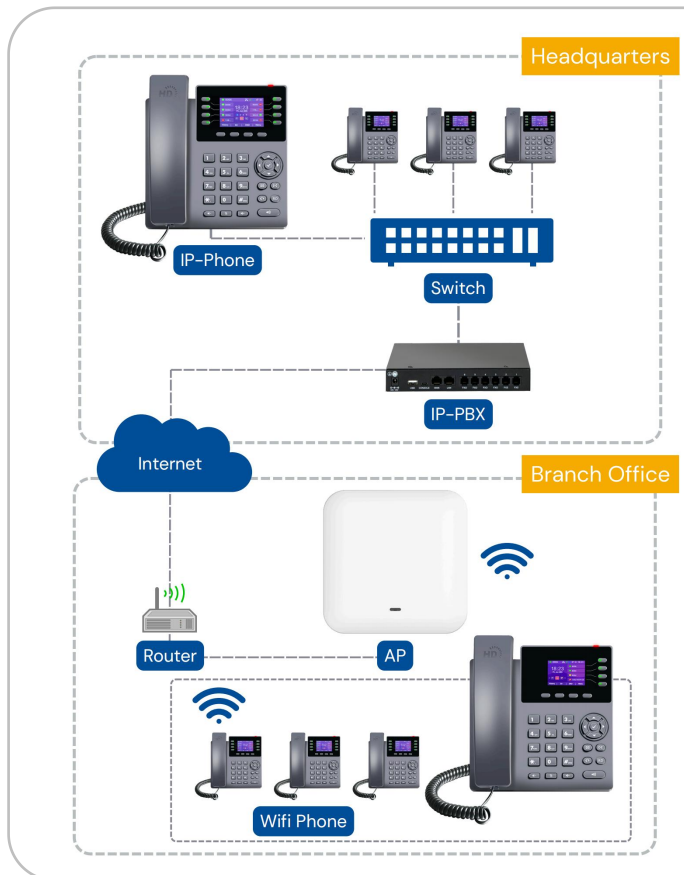
Monitoring
features



3.5mm/RJ9
headset



Address book



Unified Communication for HQ & Branches

- One-Click Cross-Site Collaboration: Seamless voice/video/chat across.
- HQ and branches with single-number reachability; 50% Lower Telecom Costs; On-net calls between sites via private SIP.
- Trunking, bypassing PSTN charges. Mobile-First Workforce Enablement; Softphone apps with enterprise-grade security for remote/hybrid employees; Plug-and-Play Branch Deployment.
- Zero-touch branch office setup (<30 mins). Centralized Management + Local Survivability: Cloud control panel.
- Failover to local PBX during WAN outages.



As a leading VoIP enabling-technologies provider in China, Synway has been partnered with applications & solution providers worldwide to deliver turkey solutions for enterprises and telecom carriers. Based on long-standing business network, Synway's appliances and equipments, with third-party compliant software platforms from mainstream application providers, have served 5,000 plus customers, including contact centers, financial institutes, public security, government agencies, service providers, hospitality and operators.

In ever-changeable environments, Synway's long-term goal would be of partnership with vendors of cloud-based unified communications, providing enterprises and SPs with a complete range of cloud-based applications, including Video and Audio Conferencing, Contact Center, IP-PBX, Unified Messaging, Networking and more. For in- house IPR and better customer value, Synway provides strategic partners with customized OEM or ODM services to localize more efficiently. To achieve 0-defective rate, Synway has adopted ISO9001, CE, FCC, RoHS, 3C and more since 2001.

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