

# Antique-Style IP Phone

HSRetro-01-IP



## Antique Style SIP Phone HSRetro - 01-IP

**HD**<sup>TM</sup>  
**VOICE**

This Antique-Style IP phone is designed for hotels, boutique environments, and premium service spaces. It combines classic vintage aesthetics with modern VoIP communication technology, creating a distinctive and elegant user experience.

The device is designed for desktop use, with a unique retro appearance that enhances room decoration while maintaining practical functionality. Its intuitive operation makes it easy for guests and staff to use without additional training.

This model is an ideal choice for replacing traditional analog phones, offering both visual appeal and modern communication capabilities for next-generation hotel environments.

### Key Features

- Desktop design with retro-style appearance
- HD Voice: HD codec and full-duplex speakerphone
- Web interface with multi-language support (e.g. English, Chinese, Russian, French).
- 2 SIP accounts.
- PoE support (IEEE 802.3af, Class 0).
- Easy installation and maintenance.
- Auto-provisioning via HTTP / TFTP / TR-069 for centralized management
- Support PBX feature Call hold, Call waiting, Call forward, Call return, Call transfer.



# Technical Datasheet

## Phone Features

WEB support Multi-Language;  
2 SIP accounts  
Call hold, Call waiting, Call forward, Call return  
Call transfer (blind/busy/ask)  
Auto-answer,  
Tone scheme, web Volume control  
Direct IP call without SIP proxy  
Ring tone selection/import/delete

## Advanced Features

Flash keys function:  
>During a call, press the flash key to enter the transferred pattern with dial tone.  
The call will be holding.  
>When transferring the dialing, pressing the flash key can cancel the transferred function.  
The call still be holding.  
>Pressing the flash key can recover the on holding call

## IP PBX System Integration

DND ; Forward synchronization  
Intercom, Paging, Music on hold  
Call pickup, Dial Plan,  
Call recording Anonymous call,  
Anonymous call rejection

## Compatible with the platform

## Codes and Voice Features

Wideband Codec: G.722  
Narrowband codec: G.711 $\mu$ /A, G.726, G.729AB,iLBC  
VAD, CNG, AEC, AGC , Full-duplex,

## Security

802.1x, VLAN QoS (802.1pq), SRTP  
Transport Layer Security (TLS)  
Digest authentication using MD5/MD5-sess  
Secure configuration file via AES encryption  
Encryption for configuration file  
Phone lock for personal privacy protection  
Admin/User 2-level configuration mode ,  
LLDP, CDP  
L2TP VPN tunneling protocol - added

## Network Features

SIP v1 (RFC2543), v2 (RFC3261)  
SIP connection: Proxy mode & Peering  
Points mode;  
SRTP voice encryption(RFC3711)  
Redundant server support  
NAT Traversal: STUN mode  
DTMF: In-Band, RFC2833, SIP Info, Auto  
HTTP/HTTPS Web Management  
IP Assignment: Static/DHCP/PPPoE  
Bridge/Router mode for PC port  
TFTP/DHCP/PPPoE client  
Telnet/HTTP/HTTPS server, DNS client,  
NAT/DHCP server  
Layer 3 ToS, DSCP

## Management

Auto-provision via  
FTP/TFTP/HTTP/HTTPS , TR069  
optional  
Configuration:  
browser/phone/auto-provision  
Trace package and system log export

## Physical Features

14 keys, including 10 digital keys  
1x RJ-9 handset port  
1xRJ45 100M Ethernet ports  
Power over Ethernet ,IEEE  
802.3af,class 0  
Operating humidity: 10~95%  
Storage temperature: up to 60 C

## Certifications

