2/4 Analog Lines VoIP Gateway integrated H.323 Gatekeeper

This Soundwin SK200/SK400 Series Gatekeeper is designed as an embedded-based platform. It performs internet telephony services, like registration, call detail record and security registration policy. Besides Gatekeeper function, SK200/SK400 series also build in VoIP Gateway which both support H.323 signal protocols. A variety of H.323 entities including IP phone, gateway, soft phones as well as different vendor’s Gatekeepers have been well tested with.

**H.323 Gatekeeper Key Features**

- **250 H.323 endpoints scale:** SK400 providing 250 H.323 endpoints to register.
- **Register Security Policy:** SK400 providing security setting on your H.323 VoIP network. This provides protection for VoIP calls and insures proper endpoint identification.
- **Pre-Granted Endpoints:** letting other gateways or H.323 endpoints which were not register to this embedded gatekeeper. And the registered VoIP Gateways can make a call to these pre-granted endpoints.
- **Real time Call Detail Record and Post Call Detail Record Report:** Support Real Time CDR to monitor VoIP calls, including caller ip, callee ip, call date, call duration and other information. Also providing a CDR report to look up VoIP call record.
- **Top 20 list:** SK400 Gatekeeper can lists top 20 calls by call duration, caller number, calling number, caller IP or callee IP address.
- **Syslog:** SK400 send syslog information to Syslog Server.

**Application Scenario:**

The following application was use in Multi-Office as an example:
Telephony Specification:
- Voice Codec: G.711(A-law/μ-law), G.729 AB, G.723 (6.3Kbps/5.3Kbps)
- FAX support: T.30/T.38
- Echo Cancellation: G.165/G168
- FXO Caller ID detection: DTMF and FSK
- Adjustable AC Termination Impedance: 600/900 OHM and complex Impedance
- Life-Line support (IP/power failure over relay)
- Polarity Reversal: Type I and Type II
- Answer Supervision for Voice Detection

IP Specifications:
- H.323 v2/v3/v4
- LAN: NAT, Virtual Server, DHCP Server
- WAN: PPPoE client, DHCP client, Fix IP Address, DDNS client
- Network Address Translation: Providing build-in NAT router function.
- Smart QoS: Guarantee the voice bandwidth

Call Features
- Voice channels status display
- Adjustable volume: -9 dB ~ 9 dB
- Silence Compression
- Auto Dial for speed
- Dynamic Jitter Buffer

Configuration & Management
- web-based Graphical User Interface
- Remote management over the IP Network
- FTP firmware upgrade
- Backup and Restore Configuration file
- Syslog support

General Specification
- AC power: AC100V-240V, DC12V/1.5A, 50/60 Hz
- Temperature: 0°C ~ 40°C (Operation)
- Humidity: up to 90% non-condensing
- Emission: FCC Part 15 Class B, CE Mark
- Dimension: 260 x 130 x 35 mm
- Weight: 900g (Aluminum)
### SK400/SK200 VoIP Gateway Catalogue

<table>
<thead>
<tr>
<th>Feature</th>
<th>SK400</th>
<th>SK401</th>
<th>SK402</th>
<th>SK404</th>
<th>SK200</th>
<th>SK201</th>
<th>SK202</th>
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<tr>
<td><strong>Ethernet Port</strong></td>
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<td>4 LAN</td>
<td>1 WAN</td>
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<td>3FXS+1FXO</td>
<td>2FXS+2FXO</td>
<td>4FXO</td>
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