

SGR-8106-SMK

SGR-8206-SMK

1 or 2 Lines  
Cordless SIP  
Phone



- 1 or 2 lines cordless SIP phone.
- Dual keypads dialing.
- Full duplex speakerphone.
- Message waiting indicator.
- Pair up to 4 cordless remotes.
- 6 customizable service dials.
- Faceplate with customizable hotel logo.

**AEI** brings cutting-edge telephony solutions to the most prestigious hotels and resorts worldwide. Our feature rich telephones exceed the expectations of the most demanding hoteliers with high quality, impeccable workmanship and stylish products.

At **AEI** your satisfaction is our priority.



## 1. Features

### Handset

	Keys	8206	8106
		<ul style="list-style-type: none"> <li>Dial keys (0~9, *, #)</li> <li>Line keys Line1, Line2, END</li> <li>Function keys Hold, Speaker, Volume, 6 Service dial keys</li> </ul>	<ul style="list-style-type: none"> <li>(0~9, *, #)</li> <li>Line, END</li> <li>Mute, Speaker, Volume, 6 Service dial keys</li> </ul>
Phone Features		<ul style="list-style-type: none"> <li>One or Two Lines</li> <li>Call Hold and resume(8206 only)</li> <li>Handset, Speaker, and Ringer volume control</li> <li>Full duplex speaker phone</li> </ul>	<ul style="list-style-type: none"> <li>6 programmable service dials</li> <li>Mute and unmute(8106 only)</li> <li>Red color message waiting indicator for ringing and message waiting</li> </ul>
Display Contents		<ul style="list-style-type: none"> <li>Main logo</li> <li>Service dial list/icons</li> <li>Battery status: power level, charging status</li> </ul>	<ul style="list-style-type: none"> <li>DECT signal status</li> <li>Line status</li> <li>Firmware Version</li> </ul>
DECT Standard		<ul style="list-style-type: none"> <li>DECT / CAT iq 2.0 compatible</li> <li>Radio Frequency Range : 1880~1930 MHz</li> <li>EU : 1881.792(ch0)~1897.344(ch9) 10 Channels</li> <li>US : 1921.536(ch0)~1928.448(ch4) 5 Channels</li> <li>JP : 1895.616(ch0)~1902.528(ch4) 5 Channels</li> </ul>	<ul style="list-style-type: none"> <li>Channel Space : 1728 KHz</li> <li>Bit rate : 1150 Kbit/s</li> <li>Modulation : GFSK</li> <li>Voice coding : 16 Kbit/s</li> <li>RF power : 7 dBm</li> </ul>

### Base

	Keys	8206	8106
		<ul style="list-style-type: none"> <li>Dial keys (0~9, *, #)</li> <li>Line keys Line1, Line2, END</li> <li>Function keys Hold, Speaker, Volume, 6 Service dial keys</li> </ul>	<ul style="list-style-type: none"> <li>(0~9, *, #)</li> <li>Line, END</li> <li>Mute, Speaker, Volume, 6 Service dial keys</li> </ul>
Phone Features		<ul style="list-style-type: none"> <li>One or Two Lines</li> <li>Call Hold and resume(8206 only)</li> <li>Speaker, and Ringer volume control</li> <li>Full duplex speaker phone</li> </ul>	<ul style="list-style-type: none"> <li>6 programmable service dials</li> <li>Mute and unmute(8106 only)</li> <li>Red color message waiting indicator for ringing and message waiting</li> </ul>
Easy Administration		<ul style="list-style-type: none"> <li>Web GUI</li> <li>Auto provisioning via TFTP</li> </ul>	<ul style="list-style-type: none"> <li>Firmware upgrade via TFTP</li> </ul>
Codec		<ul style="list-style-type: none"> <li>G.711</li> </ul>	
Network Protocol		<ul style="list-style-type: none"> <li>HTTP server</li> <li>ToS / VLAN IEEE 802.1 p/q</li> </ul>	<ul style="list-style-type: none"> <li>Static IP, DHCP Client</li> </ul>
SIP		<ul style="list-style-type: none"> <li>SIP V2 (RFC3261)</li> </ul>	
Security		<ul style="list-style-type: none"> <li>Web login authentication for web setup</li> <li>MD5 for SIP authentication (RFC 2069/ RDC2617)</li> <li>TLS 1.2</li> </ul>	
DTMF		<ul style="list-style-type: none"> <li>In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976)</li> </ul>	
Voice Quality		<ul style="list-style-type: none"> <li>Echo canceller: LEC / AEC</li> <li>CNG: Comfortable noise generator</li> <li>Jitter buffer/PLC</li> </ul>	
Tones		<ul style="list-style-type: none"> <li>Ring back tone (local), Busy tone, Dial tone</li> </ul>	
DECT Standard		<ul style="list-style-type: none"> <li>DECT / CAT iq2.0 compatible</li> <li>Radio Frequency Range : 1880~1930 MHz</li> <li>EU : 1881.792(ch0)~1897.344(ch9) 10 Channels</li> <li>US : 1921.536(ch0)~1928.448(ch4) 5 Channels</li> <li>JP : 1895.616(ch0)~1902.528(ch4) 5 Channels</li> </ul>	<ul style="list-style-type: none"> <li>Channel Space : 1728 KHz</li> <li>Bit rate : 1150 Kbit/s</li> <li>Modulation : GFSK</li> <li>Voice coding : 16 Kbit/s</li> <li>RF power : 17 dBm</li> </ul>

## 2. Hardware Specifications

### Handset

- |                 |  |                          |
|-----------------|--|--------------------------|
| Display         | • 1.8" TFT color display   |                          |
| LED Indications | • Message waiting indicator and keypad backlight                           |                          |
| Power           | • 3.7v / 900 mAh Li-ion battery  | • Standby Time : 240 hrs |
|                 | • Charging Time : 5 hrs  | • Talking Time: 9 hrs    |
| Contact pins    | • 3 contact pins for charging, hook detecting and auto-pairing             |                          |
| Size and Weight | • Dimensions: 175mm(L) x 50mm(W) x 24mm(H), Weight: 180g(battery included) |                          |

### Base

- |                 |  |  |
|-----------------|--|--|
| LED Indications | • Line keys, Hold/Mute, Speaker keys, Message waiting, and Handset charging indicators |  |
| Power           | • PoE : IEEE 802.3af compliant   |  |
|                 | • AC adaptor: Input: 100 ~ 240 VAC, Output: 5.9V / 1A (optional)                       |  |
| Jacks           | • RJ45 10/100 Mbs; LAN port x 1, DC jack x 1   |  |
| Contact pins    | • 3 contact pins for charging, hook detecting and auto-pairing                         |  |
| Ethernet cable  | • 9 feet x 1   |  |
| Size and Weight | • Dimensions:193mm(L) x109mm(W) x 102mm(H), Weight: 430g                               |  |
|                 | • Dimensions:193mm(L) x109mm(W) x 111mm(H), Weight: 610g (handset included)            |  |

## 3. Regulatory

	USA	EU
RF	FCC Part 15D	EN301406
EMI	FCC Part 15B	EN300386
SAR		EN62479
Safety		EN60950-1
EMC		EN301489-1/6
RoHS	• Comply with directive 2002/95/EC RoHS (as amended by commission decision 2005/613/EC)	
Temperature	• Storage: Low temperature at -10°C	High temperature at +60°C
	• Operating Low temperature at +5°C	High temperature at +35°C

### Model:

**SGR-8106-SMK**

**SGR-8206-SMK**

**SGR-8106-SMK-9979**

**SGR-8206-SMK-9979**

**SGR-8106-SMK-997901**

**SGR-8206-SMK-997901**

