

SGR-8106-SMK

SGR-8206-SMK

1- or 2- Line Cordless
SIP DECT Master Phone



SGR-8106-SMK

- Dual keypad dialing.
- Magnetic hook switch.
- Message waiting indicator.
- Full duplex speakerphone.
- Pair up to 4 cordless remotes.
- Faceplate with customizable hotel logo.
- Up to 6 customizable guest service keys.



SGR-8206-SMK

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
	- Dial keys (0~9, *, #) - Line keys Line1, Line2, END - Function keys HOLD, SPEAKER, VOLUME, 6 guest service keys	(0~9, *, #) - Line, END - MUTE, SPEAKER, VOLUME, 6 guest service keys
Phone Features	- Up to 6 programmable guest service keys - Call hold and resume (8206) - Red color message waiting indicator for ringing and message waiting	- Full duplex speaker phone - Mute and unmute (8106) - Handset, speaker, and ringer volume control
Display Contents	- Main logo - Service dial list/icons - Battery status: power level, charging status	- DECT signal status - Line status - Firmware version
DECT Standard	- DECT / CAT iq 2.0 compatible - Radio Frequency Range : 1880~1930 MHz - EU : 1881.792(ch0)~1897.344(ch9) 10 channels - US : 1921.536(ch0)~1928.448(ch4) 5 channels - JP : 1895.616(ch0)~1902.528(ch4) 5 channels	- Channel Space : 1728 KHz - Bit rate : 1150 Kbit/s - Modulation : GFSK - Voice coding : 16 Kbit/s - RF power : 7 dBm

Base

Keys	8206	8106
	- Dial keys (0~9, *, #) - Line keys Line1, Line2, END - Function keys HOLD, SPEAKER, VOLUME, 6 guest service keys	(0~9, *, #) - Line, END - MUTE, SPEAKER, VOLUME, 6 guest service keys
Phone Features	- Up to 6 programmable guest service keys - Call hold and resume (8206) - Red color message waiting indicator for ringing and message waiting	- Full duplex speaker phone - Mute and unmute (8106) - Speaker and ringer volume control
Easy Administration	- Web GUI - Auto provisioning via TFTP	Firmware upgrade via TFTP
Codec	G.711	
Network Protocol	- HTTP server - ToS / VLAN IEEE 802.1 p/q	Static IP, DHCP Client
SIP	SIP V2 (RFC3261)	
Security	- Web login authentication for web setup - MD5 for SIP authentication (RFC 2069/ RFC2617) - TLS 1.2	
DTMF	In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976)	
Voice Quality	- Echo canceller: LEC / AEC - CNG: comfortable noise generator - Jitter buffer/PLC	
Tones	Ring back tone (local), busy tone, dial tone	
DECT Standard	- DECT / CAT iq2.0 compatible - Radio Frequency Range : 1880~1930 MHz - EU : 1881.792(ch0)~1897.344(ch9) 10 channels - US : 1921.536(ch0)~1928.448(ch4) 5 channels - JP : 1895.616(ch0)~1902.528(ch4) 5 channels	- Channel Space : 1728 KHz - Bit rate : 1150 Kbit/s - Modulation : GFSK - Voice coding : 16 Kbit/s - RF power : 17 dBm

2. Hardware Specifications

Handset

Display	• 1.8" TFT color display	
LED Indications	• Message waiting indicator and keypad backlight	
Power	• 3.7v / 900mAh Li-ion battery	• Standby time: 240hrs
	• Charging time: 5hrs	• Talking time: 9hrs
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 10/100Mbps; LAN port x 1, DC jack x 1
Contact pins	• 3 contact pins for charging, hook detecting and auto-pairing
Ethernet cable	• 6 feet x 1
Size and Weight	• Dimensions: 193mm(L) x 109mm(W) x 102mm(H), Weight: 430g
	• Dimensions: 193mm(L) x 109mm(W) x 111mm(H), Weight: 610g (handset included)

3. Regulatory

	USA	EU
RF	FCC Part 15D	EN 301406
EMI	FCC Part 15B	EN 300386
SAR		EN 62479
Safety		EN 62368-1
EMC		EN 301489-1/-6
RoHS		
Temperature	Comply with directive 2011/65/EU	
	• 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

