

Serving the Hospitality Industry with Advanced IP and Analog Telephony Solutions Worldwide

SGR-8106-SMKE SGR-8206-SMKE 1 or 2 Lines Cordless SIP Phone





- 1 or 2 lines cordless SIP phone.
- Dual keypads dialing.
- Dual Ethernet connections.
- 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.





AEi- Corporate Office

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AEi- CEE&CIS Office

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1. Features

Handset

Keys		8206		8106
	 Dial keys 	(0~9, *, #)		(0~9, *, #)
	 Line keys 	Line1, Line2, END		Line, END
	 Function keys 	Hold, Speaker, Volume, 6 Service		Mute, Speaker, Volume, 6 Service
		dial keys		dial keys
Phone Features	One or Two Lines		•	6 programmable service dials
 Call Hold and resume(8206 of 		esume(8206 only)	•	Mute and resume(8106 only)
	 Handset, Speak 	ker, and Ringer volume control	•	Red color message waiting indicator
	Full duplex speaker phone			for ringing and message waiting
Display Contents	Main logo		•	DECT signal status
Service dial list/iconsBattery status: power level, charging status		icons	•	Line status
		power level, charging status	•	Firmware Version
 DECT / CAT iq 2.0 compatible Radio Frequency Range: 1880~1930 MHz 		•	Channel Space: 1728 KHz	
		•	Bit rate: 1150 Kbit/s	
	• EU: 1881.792(ch0)~1897.344(ch9) 10 Channels	•	Modulation : GFSK
	US: 1921.536(ch0)~1928.448(ch4) 5 Channels	•	Voice coding: 16 Kbit/s
	• JP : 1895.616(d	ch0)~1902.528(ch4) 5 Channels	•	RF power: 7 dBm
Base				
Keys		8206		8106

	 Dial keys 	(0~9, *, #)		(0~9, *, #)
	Line keys	Line1, Line2, END		Line, END
	 Function keys 	Hold, Speaker, Volume, 6 Service		Mute, Speaker, Volume, 6 Service
		dial keys		dial keys
Phone Features	 One or Two Lir 	One or Two Lines		6 programmable service dials
	 Call Hold and r 	Call Hold and resume(8206 only)		Mute and resume(8106 only)
	 Speaker, and F 	Speaker, and Ringer volume control		Red color message waiting indicator
	Full duplex speaker phoneEasy AdministrationWeb GUI			for ringing and message waiting
Easy Administration			•	Firmware upgrade via TFTP
	 Auto provisioni 	ng via TFTP		
Codec	• G.711			

Network Protocol

- HTTP server
- ToS / VLAN IEEE 802.1 p/q

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

Static IP, DHCP Client

Bit rate: 1150 Kbit/s Modulation: GFSK Voice coding: 16 Kbit/s

RF power: 17 dBm



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Standby Time: 240 hrs Talking Time: 9 hrs

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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
- Charging Time: 5 hrs
 - 3 contact pins for charging, hook detecting and auto-pairing
- Contact pins
 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
- Jacks
- RJ45 10/100 Mbs; LAN port x 1, PC port 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		
-4	RF	FCC Part 15D	EN 301406		
	EMI	FCC Part 15B	EN 300386		
	SAR		EN 62479		
	Safety		EN 60950-1		
	EMC		EN 301489-1/6		
	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 0°C	High temperature at +40°C		

Model:

SGR-8106-SMKE

SGR-8206-SMKE



