AEi COMMUNICATIONS

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

SGR-8106-SMKND

Single Line Cordless
SIP DECT Master Phone
(Non-display)



SGR-8106-SMKND

- 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.

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.

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1. Features

Handset

Keys
- Dial keys (0~9, *, #)
- Line keys Line, END
- Function keys MUTE, SPEAKER, VOLUME, 6 guest service keys

Phone Features
- Up to 6 programmable guest service keys
- Red color message waiting indicator for ringing and message waiting
- Full duplex speaker phone
- Mute and unmute
- Handset, speaker, and ringer volume control

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
- Dial keys (0~9, *, #)
- Line keys Line, END
- Function keys MUTE, SPEAKER, VOLUME, 6 guest service keys

Phone Features
- Up to 6 programmable guest service keys
- Red color message waiting indicator for ringing and message waiting
- Full duplex speaker phone
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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/ RDC2617)
- 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

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Specifications are subject to change without notice.
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2. Hardware Specifications

Handset

LED Indications	• Message waiting indicator and keypad backlight
Power	• 3.7v / 900mAh Li-ion battery • Charging time: 5hrs • Standby time: 240hrs • 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, 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 10/100Mbs; 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) 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	EN 301406
EMI	FCC Part 15B	EN 300386
SAR		EN 62479
Safety		EN 62368-1
EMC		EN 301489-1/-6
RoHS	Comply with directive 2011/65/EU	
Temperature	• Storage: Low temperature at -10°C	High temperature at +60°C
	• Operating: Low temperature at +5°C	High temperature at +35°C

Model:

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