



AEI COMMUNICATIONS CORP.

1001 Broadway, Millbrae, California 94030

Direct: (415) 706-2907 ,Tel: (650) 552-9416

SIP DECT Phone for Desktop/Bedside

Model: SSP-8210-SMK/SSP-8110-SMK

1. Esthetic Design

2015/01 v0.1



2. Features / Software Specifications

Handset

Keys

	SSP-8210-SMK	SSP-8110-SMK
• Dial keys	(0~9, *, #)	(0~9, *, #)
• Line keys	Line1, Line2 with red color LED	Line key with red color LED
• Function keys	Speaker, Hold, Message, Volume	Speaker, Mute, Message, Volume



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Phone Features	<ul style="list-style-type: none"> One or Two Lines Call Hold and resume(SSP-8210-SMK only) Handset, speaker, and ringer volume control Full duplex speaker phone 	<ul style="list-style-type: none"> 6 programmable speed dials(Optional) Mute and resume(SSP-8110-SMK only) Red color message waiting indicator for ringing, charging, and message waiting
DECT Standard	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Channel Space : 1728 KHz Bit rate : 1150 Kbit/s Modulation : GFSK Voice coding : 16 Kbit/s RF power : 15 dBm

Base

Keys	SSP-8210-SMK	SSP-8110-SMK
	<ul style="list-style-type: none"> Dial keys (0~9, *, #) Line keys Line1, Line2 with red/green color LED Function keys Conference, Hold, Redial, Mute, Speaker, Message, Volume up/down, 10 speed dial keys 	<ul style="list-style-type: none"> (0~9, *, #) N/A Hold, Redial, Mute, Speaker, Message, Volume up/down, 10 speed dial keys
Phone Features	<ul style="list-style-type: none"> One or Two Lines Message key with message waiting indicator 3-Way Conference(SSP-8210-SMK only) Call Hold and resume Mute and Resume 	<ul style="list-style-type: none"> 10 programmable speed dials Speaker and ringer volume control Redial last call Red color message waiting indicator for ringing and message waiting
Display Contents	<ul style="list-style-type: none"> Talking time IP Address MAC Address 	<ul style="list-style-type: none"> SIP Register Status Firmware Version Failed Network link Warning
Easy Administration	<ul style="list-style-type: none"> Web GUI Auto provisioning via TFTP Firmware upgrade via TFTP 	
Codec	<ul style="list-style-type: none"> G.711 	
Network Protocol	<ul style="list-style-type: none"> HTTP/DHCP server Static / DHCP IP assignment ToS / VLAN IEEE 802.1 p/q 	
SIP	<ul style="list-style-type: none"> SIP V2 (RFC3261) 	
Security	<ul style="list-style-type: none"> Web login authentication for web setup MD5 for SIP authentication (RFC 2069/ RDC2617) 	
DTMF	<ul style="list-style-type: none"> In-Band / Out-of-Band DTMF(RFC2833) / SIP Info (RFC2976) 	
Voice Quality	<ul style="list-style-type: none"> CNG: Comfortable noise generator Echo canceller: LEC / AEC Jitter buffer/PLC 	
Tones	<ul style="list-style-type: none"> Ring back tone (local), Busy tone, Dial tone 	
DECT Standard	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Channel Space : 1728 KHz Bit rate : 1150 Kbit/s Modulation : GFSK Voice coding : 16 Kbit/s RF power : 17 dBm



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3. Hardware Specifications

Handset

- | | |
|-----------------|--|
| LED Indications | ● Line keys, Hold/Mute, Message, Speaker keys, and Message waiting indicator |
| Power | |
| | ● 3.7v / 900 mAh Li-ion battery |
| | ● Charging Time : 5 hrs |
| | ● Standby Time : 240 hrs |
| | ● Talking Time: 9 hrs |
| Contact pins | ● 3 contact pins for charging, hook detect and auto-pairing |
| Size and Weight | ● Dimensions: 207mm(L) x 49mm(W) x 34mm(H), Weight: 200g(battery included) |

Base

- | | |
|-----------------|--|
| Display | ● 144 x 32 graphic LCM with white backlight |
| LED Indications | ● Line keys, Conf/Hold, Mute, Speaker keys, and Message waiting indicator |
| Power | ● PoE module: IEEE 802.3af |
| | ● AC adaptor: Input: 100 ~ 240 VAC, Output: 6V / 1A (optional) |
| Jacks | ● RJ45 10/100 Mbs; LAN port x 1, PC port x 1, DC jack x 1 |
| Contact pins | ● 3 contact pins for charging, hook detect and auto-pairing |
| Ethernet cable | ● 9 feet x 1 |
| Size and Weight | ● Dimensions:227mm(L) x158mm(W) x 127mm(H), Weight: 655g |
| | ● Dimensions:227mm(L) x158mm(W) x 142mm(H), Weight: 855g(handset included) |

4. Regulatory

	USA	EU
RF	FCC Part 15D	EN 301406
EMI	FCC Part 15B	
Safety		EN 60950-1
EMC		EN301489-11-6
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.	