



# AEI COMMUNICATIONS CORP.

1001 Broadway, Millbrae, California 94030

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

## SIP Phone for Desktop/Bedside

Model: SGR-9206-SME-85/SGR-9106-SME-85

### 1. Esthetic Design

2015/01 v0.1



### 2. Features / Software Specifications

	<b>SGR-9206-SME-85</b>	<b>SGR-9106-SME-85</b>
Keys	<ul style="list-style-type: none"> <li>Dial keys (0~9, *, #)</li> <li>Line keys Line1, Line2 with LED, END</li> <li>Function keys Hold, Speaker, Volume, 6 speed dial keys</li> </ul>	<ul style="list-style-type: none"> <li>Dial keys (0~9, *, #)</li> <li>Line with LED, END</li> <li>Mute, Speaker, Volume, 6 speed dial keys</li> </ul>
Phone Features	<ul style="list-style-type: none"> <li>One or Two Lines</li> <li>Call Hold and resume(SGR-9206-SME 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 speed dials</li> <li>Mute and resume(SGR-9106-SME 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> <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>Static / DHCP IP assignment</li> <li>ToS / VLAN IEEE 802.1 p/q</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> </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>CNG: Comfortable noise generator</li> </ul>	



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Tones DECT Standard	<ul style="list-style-type: none"> <li>Echo canceller: LEC / AEC</li> <li>Jitter buffer/PLC</li> <li>Ring back tone (local), Busy tone, Dial tone</li> </ul>	
	<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>

### 3. Hardware Specifications

LED Indications	<ul style="list-style-type: none"> <li>Line keys, Hold/Mute, Speaker keys, Message waiting, and keypad backlight</li> </ul>
Power	<ul style="list-style-type: none"> <li>PoE: IEEE 802.3af</li> </ul>
Jacks	<ul style="list-style-type: none"> <li>RJ45 10/100 Mbs; LAN port x 1, PC port x 1</li> </ul>
Ethernet cable	<ul style="list-style-type: none"> <li>9 feet x 1</li> </ul>
Size and Weight	<ul style="list-style-type: none"> <li>Dimensions:193mm(L) x109mm(W) x 113mm(H), Weight: 595g</li> </ul>

### 4. Regulatory

	USA	EU
RF	FCC Part 15D	EN 301406
EMI	FCC Part 15B	
Safety		EN 60950-1
EMC		EN301489-11-6
RoHS	<ul style="list-style-type: none"> <li>Comply with Directive 2002/95/EC RoHS (as amended by Commission Decision 2005/613/EC)</li> </ul>	
Temperature	<ul style="list-style-type: none"> <li><b>Storage:</b> Low Temperature at -10°C. High Temperature at +60°C</li> <li><b>Operating:</b> Low Temperature at 0°C. High Temperature at +40°C.</li> </ul>	