

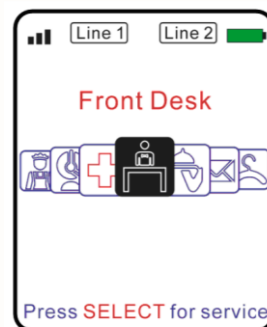
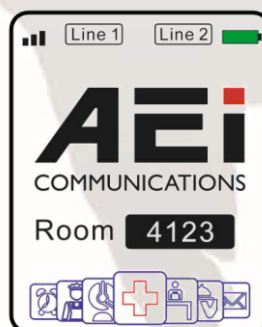
VM-8108-SMKU(PoE)

VM-8208-SMKU(PoE)

1 or 2 Lines  
Cordless SIP  
Phone



- 1 or 2 lines cordless phone.
- Magnetic hook switch.
- Full duplex speakerphone.
- 8 customizable service dials.
- Pair up to 4 cordless remotes.
- Message waiting key with indicator.
- 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.



## 1. Features

### Handset

	Keys	8208	8108
	<ul style="list-style-type: none"> <li>Dial keys</li> <li>Line keys</li> <li>Function keys</li> </ul>	(0~9, *, #) Line1, Line2, END SPEAKER, VOLUME +/-, HOLD, MESSAGE, FRONT DESK, EMERGENCY, and 3 soft keys	(0~9, *, #) Line, END SPEAKER, VOLUME +/-, MUTE, MESSAGE, FRONT DESK, EMERGENCY, and 3 soft keys
Phone Features	<ul style="list-style-type: none"> <li>One or Two Lines</li> <li>3 hard key and 7 scrollable service dials</li> <li>Call Hold and resume(8208 only)</li> <li>Handset, Speaker, and Ringer volume control</li> </ul>		<ul style="list-style-type: none"> <li>Full duplex speaker phone</li> <li>Mute and unmute(8108 only)</li> <li>Red color message waiting indicator for ringing and message waiting</li> </ul>
Display Contents	<ul style="list-style-type: none"> <li>Main logo</li> <li>Service dial list/icons</li> <li>Battery status: power level, charging status</li> </ul>		<ul style="list-style-type: none"> <li>DECT signal status</li> <li>Line status</li> <li>Firmware Version</li> </ul>
DECT Standard	<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 : 7 dBm</li> </ul>

Base Keys		8208	8108
		<ul style="list-style-type: none"> <li>Dial keys (0~9, *, #)</li> <li>Line keys Line1, Line2 with red color LED</li> <li>Function keys REDIAL, SPEKAER, VOLUME +/-, HOLD, MESSAGE, 8 Service dial keys</li> </ul>	<ul style="list-style-type: none"> <li>(0~9, *, #)</li> <li>N/A</li> <li>REDIAL, SPEKAER, VOLUME +/-, MUTE, MESSAGE, 8 Service dial keys</li> </ul>
Phone Features		<ul style="list-style-type: none"> <li>8 customizable service dials</li> <li>Call Hold and resume(8208 only)</li> <li>Handset, speaker and ringer volume control</li> <li>Red color message key with indicator</li> </ul>	<ul style="list-style-type: none"> <li>Mute and unmute(8108 only)</li> <li>Full duplex speaker phone</li> <li>Redial last call</li> <li>Ringing indicator</li> </ul>
Display Contents		<ul style="list-style-type: none"> <li>Talking time</li> <li>IP Address</li> <li>MAC Address</li> <li>Date and time</li> </ul>	<ul style="list-style-type: none"> <li>SIP Register Status</li> <li>Firmware Version</li> <li>Failed Network link Warning</li> </ul>
Easy Administration		<ul style="list-style-type: none"> <li>Web GUI</li> <li>Auto provisioning via TFTP</li> </ul>	<ul style="list-style-type: none"> <li>Firmware upgrade via TFTP</li> </ul>
Codec		<ul style="list-style-type: none"> <li>G.711 (a-law, <math>\mu</math>-law)</li> </ul>	
Network Protocol		<ul style="list-style-type: none"> <li>HTTP server</li> <li>ToS / VLAN IEEE 802.1 p/q</li> </ul>	<ul style="list-style-type: none"> <li>Static IP, DHCP Client</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/ RFC2617)</li> </ul>	<ul style="list-style-type: none"> <li>HTTPS</li> <li>TLS 1.2</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>Echo canceller: LEC / AEC</li> <li>CNG: Comfortable noise generator</li> </ul>	<ul style="list-style-type: none"> <li>Jitter buffer/PLC</li> </ul>
Tones		<ul style="list-style-type: none"> <li>Ring back tone (local), Busy tone, Dial tone</li> </ul>	
DECT Standard		<ul style="list-style-type: none"> <li>DECT / CAT iq2.0 compatible</li> <li>Radio Frequency Range : 1880~1930 MHz</li> <li>EU : 881.792(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>

## 2. Hardware Specifications

### Handset

Display	• 2.0" TFT color display	
LED Indications	• Message waiting indicator and keypad backlight	
Power	• 3.7v / 900 mAh Li-ion battery	• Standby Time : 240 hrs
	• Charging Time : 5 hrs	• Talking Time: 9 hrs
Contact pins	• 3 contact pins for charging, hook detecting and auto-pairing	
Size and Weight	• Dimensions: 190mm(L) x 50mm(W) x 16.5mm mm(H), Weight: 140g(battery included)	

### Base

Display	• Dot matrix LCM 16 x 2 with backlight
LED Indications	• Line keys(red), HOLD(red)/MUTE(red), SPEAKER(red), and MESSAGE(red) keys
Power	• PoE : IEEE 802.3af compliant
Jacks	• RJ45 10/100 Mbs: LAN port x 1, PC port x1; DC jack x 1(for stand)
Contact pins	• 3 contact pins for charging and hook detecting.
Ethernet cable	• 9 feet x 1
Size and Weight	• Dimensions: 201mm(L) x 132mm(W) x 121mm(H), Weight: 610g

### Stand

power	• USB output: DC 5V / 0.9A (MAX)
Jacks	• USB type A x 2

## 3. Regulatory

	USA	EU
RF	FCC Part 15D	EN301406
EMI	FCC Part 15B	EN300386
SAR		EN62479
Safety		EN62368-1
EMC		EN301489-1/6
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 +5°C	High temperature at +35°C

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