AEi COMMUNICATIONS

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

VM-8100-SMKLT(S)

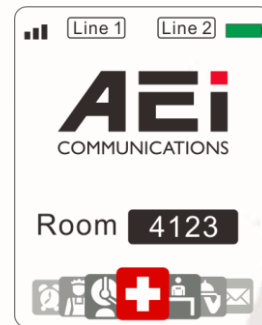## VM-8200-SMKLT(S)

1 or 2 Lines
Cordless Touch
Screen SIP Phone

- 1 or 2 lines cordless phone.

- Magnetic hook switch.

- 4.3 inch touch screen.

- Multi language support

- Full duplex speakerphone.

- Pair up to 4 cordless remotes.

- Message waiting key with indicator.

- Customizable hotel logo and service dials.

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.

www.aeicommunication.com

1. Features

Handset

Keys		8200	8100
	● Dial keys	(0~9, *, #)	(0~9, *, #)
	● Line keys	Line1, Line2, END	Line, END
	● Function keys	SPEAKER, VOLUME +/-, HOLD, MESSAGE, GUEST SERVICES, EMERGENCY, and 3 soft keys	SPEAKER, VOLUME +/-, MUTE, MESSAGE, GUEST SERVICES, EMERGENCY, and 3 soft keys

Phone Features	
● One or Two Lines	● Full duplex speaker phone
● 3 hard key and 7 scrollable service dials	● Mute and unmute(8100 only)
● Call Hold and resume(8200 only)	● Red color message waiting indicator for ringing and message waiting
● Handset, Speaker, and Ringer volume control	

Display Contents

● Main logo	● DECT signal status
● Service dial list/icons	● Line status
● Battery status: power level, charging status	● Firmware Version

DECT Standard

● DECT / CAT iq2.0 compatible	● Channel Space：1728 KHz
● Radio Frequency Range：1880~1930 MHz	● 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(ch0)~1902.528(ch4) 5 Channels	● RF power：7 dBm

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Base

Keys		8200	8100
	Dial keys	(0~9, *, #)	(0~9, *, #)
	Line keys	Line1, Line2 with red color LED	N/A
	Function keys	LANGUAGE, EMERGENCY, HOME, REDIAL, SPEKAER, VOLUME +/-, HOLD, MESSAGE	LANGUAGE, EMERGENCY, HOME, REDIAL, SPEKAER, VOLUME +/-, MUTE, MESSAGE

Phone Features
- 4.3" TFT color touch screen
- Customizable service menu
- Call Hold and resume(8200 only)
- Red color message key with indicator
- Redial last call

- Speaker and ringer volume control
- Full duplex speaker phone
- Mute and unmute(8100 only)
- Multiple languages support
- Ringing indicator

Display Contents
- Hotel logo
- Service menu
- Language menu
- Date and time
- Firmware version

- Talking time
- IP address
- MAC address
- SIP register status
- Failed network link warning

Easy Administration
- Web GUI
- Auto provisioning via TFTP

- Firmware upgrade via TFTP

Codec
- G.711 (a-law, μ-law)

Network Protocol
- Static IP, DHCP Client
- 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)

- HTTPS
- 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
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- Channel Space：1728 KHz
- Bit rate：1150 Kbit/s
- Modulation：GFSK
- Voice coding：16 Kbit/s
- RF power：17 dBm

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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 and hook detecting.	
Size and Weight	● Dimensions: 190mm(L) x 50mm(W) x 16.5mm mm(H), Weight: 140g(battery included)	

Base

Display	● Type	4.3" resistive touch WQVGA color TFT with backlight
	● Resolution	272 x 480 pixels
	● Display size W x H	55.5mm x 96.7mm
LED Indications	● Line keys(red), HOLD(red)/MUTE(red), SPEAKER(red), and MESSAGE(red) keys	
Power	● PoE : IEEE 802.3af compliant	
	● AC adaptor: Input: 100 ~ 240 VAC, Output: 5V / 1.5A (optional)	
Jacks	● RJ45 10/100 Mbs: LAN port x 1; DC jack x 1	
Contact pins	● 3 contact pins for charging and hook detecting.	
Ethernet cable	● 9 feet x 1	
Size and Weight	● Dimensions: 201mm(L) x132mm(W) x 121mm(H), Weight: 585g	

3. Regulatory

	USA	EU
RF	FCC Part 15D	EN301406
EMI	FCC Part 15B	EN300386
SAR		EN62479
Safety		EN60950-1
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	

Model:

VM-8100-SMKLT-997901(S)

VM-8200-SMKLT-997901(S)

VM-8100-SMKLT-997901TI(S)

VM-8200-SMKLT-997901TI(S)

FC CE RoHS compliant

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