

## VR-8x00-SMB(S)

3.5 inch Touch Screen  
SIP DECT phone



- Multiple language support.
- Hands-free speakerphone.
- Pair up to 4 cordless remotes.
- 3.5 inch capacitive touch screen.
- 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.



## 1. Features

### Handset

- |                  |  |   |
|------------------|--|---|
| Keys             | <ul style="list-style-type: none"> <li>8 fixed backlit soft touch key:</li> <li>4 screen feature keys- Home, Dialing, Services, Instructions.</li> <li>4 functions keys- Speaker, Volume, Language, Message.</li> </ul>  |   |
| Display Contents | <ul style="list-style-type: none"> <li>Home page – main logo, power level, DECT signal...etc.</li> <li>Dialing page – 12 dial keys, line status</li> <li>Service Page – 9 speed service dials</li> <li>Instructions – Dialing procedures and instructions.</li> </ul>                        |   |
| Phone Features   | <ul style="list-style-type: none"> <li>Customizable main page</li> <li>Customizable service dials</li> <li>Multiple languages support (up to 5 languages)</li> <li>Handset, Speaker, and Ringer volume control</li> </ul>  | <ul style="list-style-type: none"> <li>Hands-free speakerphone</li> <li>Mute and unmute</li> <li>Message waiting</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

- |                     |   |   |
|---------------------|---|---|
| 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 (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>TLS 1.2</li> </ul>   | <ul style="list-style-type: none"> <li>MD5 for SIP authentication (RFC2069/ RFC2617)</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> <li>Echo canceller: LEC / AEC</li> <li>Jitter buffer/PLC</li> </ul>  |   |
| Tones               | <ul style="list-style-type: none"> <li>Ring back tone (local), 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 : 1881.792(ch0)~1897.344(ch9) 10Channels</li> <li>US : 1921.536(ch0)~1928.448(ch4) 5 Channels</li> <li>JP : 1895.616(ch0)~1902.528(ch4) 5 Channels</li> </ul> |   |

## 2. Hardware Specifications

### Handset

- |                 |   |
|-----------------|---|
| Display         | • 3.5" TFT color 320 x 480 capacitive touch screen        |
| Power           | • 3.7v / 900 mAh Li-ion battery                           |
|                 | • Standby Time : 40 hrs                                   |
|                 | • Talking Time: 3 hrs                                     |
| Hard keys       | • Power key x 1   |
| Contact pins    | • 3 contact pins for charging and hook detecting          |
| Size and Weight | • Dimensions:134mm(L) x 61.5mm(W) x 13mm(H), Weight: 145g |

### Base

- |                 |   |
|-----------------|---|
| 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, Reset x 1, Paging x 1 |
| Contact pins    | • 3 contact pins for charging and hook detecting                    |
| Ethernet cable  | • 9 feet x 1  |
| Size and Weight | • Dimensions:120mm(L) x 91.5mm(W) x 23mm(H),                        |
|                 | • Weight :155g(Base only)   |
|                 | • Weight :300g(Handset and Base)                                    |

## 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

**Model:**

**VR-8x00-SMB-01(S)**

**VR-8x00-SMB-01TI(S)**

