

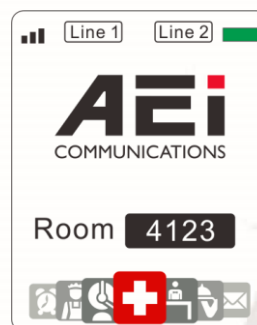
VX-8108-SMB(PoE)

VX-8208-SMB(PoE)

1- or 2- Line Cordless  
SIP DECT Master Phone



**VX-8108-SMB(PoE)**



**VX-8208-SMB(PoE)**

- Full duplex speakerphone.
- Message waiting indicator.
- Pair up to 4 cordless remotes.
- Customizable hotel logo and service dials.
- Up to 7 on-screen scrolling guest service icons.

**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

|                  | 8208                                                                                                                                                                                                                                                                                         | 8108                                                                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Keys             | <ul style="list-style-type: none"> <li>Dial keys (0~9, *, #)</li> <li>Line keys Line1, Line2, END</li> <li>Hard keys EMERGENCY, FRONT DESK, MESSAGE</li> <li>Function keys Info, VOLUME +/-, HOLD, and 3 soft keys</li> </ul>                                                                | <ul style="list-style-type: none"> <li>(0~9, *, #)</li> <li>Line, END</li> <li>EMERGENCY, FRONT DESK, MESSAGE</li> <li>Info, VOLUME +/-, MUTE, and 3 soft keys</li> </ul>                         |
| Phone Features   | <ul style="list-style-type: none"> <li>Up to 7 on-screen scrolling guest service icons</li> <li>Full duplex speaker phone</li> <li>Call hold and resume (8200 only)</li> <li>Handset, speaker, and ringer volume control</li> </ul>                                                          | <ul style="list-style-type: none"> <li>3 programmable hard keys</li> <li>Mute and unmute (8100 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

|                     |                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>Echo canceller: LEC / AEC</li> <li>CNG: comfortable noise generator</li> </ul>                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Jitter buffer/PLC</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 : 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 / 900mAh Li-ion battery                                                  | • Standby time: 240hrs |
|                 | • Charging time: 5hrs                                                           | • Talking time: 9hrs   |
| 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

|                 |                                                                                |  |
|-----------------|--------------------------------------------------------------------------------|--|
| LED Indications | • Message waiting indicator                                                    |  |
| Power           | • PoE: IEEE 802.3af compliant.                                                 |  |
| Jacks           | • RJ45 10/100Mbps: LAN port x 1, Reset x 1                                     |  |
| Contact pins    | • 3 contact pins for charging and hook detecting                               |  |
| Ethernet cable  | • 9 feet x 1                                                                   |  |
| Size and Weight | • Dimensions:115.7mm(L) x104.5mm(W) x 98.8mm(H), Weight: 340g(Base only)       |  |
|                 | • Dimensions:115.7mm(L) x104.5mm(W) x 190mm(H), Weight: 480g(Handset and base) |  |

## 3. Regulatory

|             | USA                                                                                                                             | EU                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| RF          | FCC Part 15D                                                                                                                    | EN 301489-1/-6                                                                             |
| EMI         | FCC Part 15B                                                                                                                    | EN 300386                                                                                  |
| SAR         |                                                                                                                                 | EN 62479                                                                                   |
| Safety      |                                                                                                                                 | EN 62368-1                                                                                 |
| EMC         |                                                                                                                                 | EN 301406                                                                                  |
| RoHS        |                                                                                                                                 |                                                                                            |
| Temperature | <ul style="list-style-type: none"> <li>Storage: Low temperature at -10°C</li> <li>Operating: Low temperature at +5°C</li> </ul> | Comply with directive 2011/65/EU<br>High temperature at +60°C<br>High temperature at +35°C |

### Model:

VX-8108-SMB-997901(PoE)

VX-8208-SMB-997901(PoE)

