

IP Station

Cordless SIP  
DECT Master Station



**SDB-8000**

**SDB-8000-GA**

- Cordless SIP DECT Master station.
- Pair up to 4 cordless remotes.
- Compact size – mounted under table or cabinet

**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

|                     |                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Features            | <ul style="list-style-type: none"> <li>• Pair up to 4 cordless remotes</li> <li>• <b>Control Up to 15 IP extensions (GA)</b></li> </ul>                                                                                                                                                              |                                                                                                                                                                                                              |
| Easy Administration | <ul style="list-style-type: none"> <li>• Auto provisioning via TFTP, SFTP</li> <li>• Firmware upgrading via TFTP, SFTP</li> </ul>                                                                                                                                                                    | <ul style="list-style-type: none"> <li>• Web GUI</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> <li>• SRTP</li> </ul>                                                                                                                 |
| DECT Standard       | <ul style="list-style-type: none"> <li>• DECT / CAT-iq 2.0 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

|                 |                                                                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| LED Indications | <ul style="list-style-type: none"> <li>• Status indicator</li> </ul>                                                                                      |
| Power           | <ul style="list-style-type: none"> <li>• PoE: IEEE 802.3af compliant</li> <li>• AC adaptor: Input: 100 ~ 240 VAC, Output: 5.9V / 1A (optional)</li> </ul> |
| Jacks           | <ul style="list-style-type: none"> <li>• RJ45 10/100Mbps; LAN port x 1, PC port x 1, DC jack x 1, Reset x 1</li> </ul>                                    |
| Ethernet cable  | <ul style="list-style-type: none"> <li>• 6 feet x 1</li> </ul>                                                                                            |
| Size and Weight | <ul style="list-style-type: none"> <li>• Dimensions: 113mm(L) x 113mm(W) x 36mm(H), Weight: 350g</li> </ul>                                               |

## 3. Regulatory

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

Model:

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