



# SPA-S1000

IP Audio Server



## Key Features

- System Expansion: Up to 512 speakers
- Supported Protocol: IPv4, HTTP, HTTPS, SIP, mDNS, DNS, NTP, TCP, UDP, DHCP, ARP, ICMP, SNMP(v3)
- TTS: English(US, UK), German, French, Spanish, Russian
- Ethernet: 100/1000 Base-T

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## Specifications

|                                   |                                                                                                                                                                                                                     |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                           |                                                                                                                                                                                                                     |
| Type                              | IP Audio Server                                                                                                                                                                                                     |
| Network                           |                                                                                                                                                                                                                     |
| Ethernet                          | 10/100 Base-T                                                                                                                                                                                                       |
| General                           |                                                                                                                                                                                                                     |
| Operating Temperature             | -10 ~ +40°C (+14°F ~ +104°F)                                                                                                                                                                                        |
| Operating Humidity                | 10~85% RH (Non-Condensing)                                                                                                                                                                                          |
| Weight                            | 3.02Kg                                                                                                                                                                                                              |
| Size                              | 482(W) × 44(H) × 280(D)mm                                                                                                                                                                                           |
| Color                             | Black                                                                                                                                                                                                               |
| Certificate                       | EMC : KS C 9832/9835, EN 55032/55035, FCC Part 15 Subpart B, ICES-003<br>Safety : KC 62368-1, EN 62368-1, UL 62368-1, CAN/CSA 62368-1                                                                               |
| Power                             |                                                                                                                                                                                                                     |
| PoE                               | AC 120-240V, 50/60Hz, 10W, DC 24V, 350mA                                                                                                                                                                            |
| Network Protocol                  |                                                                                                                                                                                                                     |
| Security                          | Password protection : admin,setup,user,guest (sha-2, Digest authentication, User access log)<br>Digest authentication, User access log, IP filtering,<br>IEEE 802.1X (EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2)        |
| Supported Protocols               | IPv4, HTTP, HTTPS, mDNS, DNS, NTP, TCP, UDP, DHCP, ARP, ICMP, SNMP(v3)                                                                                                                                              |
| System Integration                |                                                                                                                                                                                                                     |
| Application Programming Interface | SUNAPI(HTTP API)                                                                                                                                                                                                    |
| Multi-source Dynamic PA control   | Multi-source up to 48 (Multicast) (Audio 24CH + Mic 24CH)<br>(Up to 15 audio channels can be broadcast simultaneously)<br>Up to 256 Zone Control (Multicast)<br>Up to 20 Zone Control (Unicast)<br>Up to 255 Groups |
| Functional Monitoring             | Connection verification, Built-in system logging                                                                                                                                                                    |

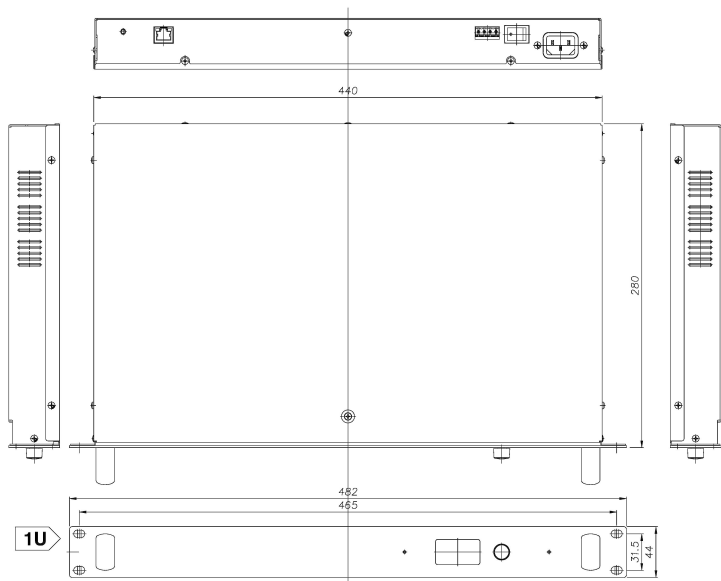
# SPA-S1000

IP Audio Server



CAD

Unit:mm [inch]



|                                                                                                                              |            |          |
|------------------------------------------------------------------------------------------------------------------------------|------------|----------|
| 3                                                                                                                            | MODEL2     |          |
| 2                                                                                                                            | MODEL1     |          |
| 1                                                                                                                            | SPA-S1000  | '22.7.15 |
| No.                                                                                                                          | MODEL NAME | DATE     |
| Unit:mm[inch] SCALE:1/1  Hanwha Techwin |            |          |

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