









## Tonmind VS Axis IP Speaker

| <b>Tonmind VS Axis IP Speaker</b> |  |   |   |   |   |   |   |   |   |
|-----------------------------------|--|---|---|---|---|---|---|---|---|
| Model                             | <b>TONMIND</b>   |   |   |   | <b>AXIS</b>   |   |   |   |   |
|                                   | SIP-S01  | SIP-S11 (T)   | SIP-S21 (T)   | SIP-S22 (T)   | C1410   | C2005   | C1004-E   | C1310-E   |   |
|                                   |   |  |  |  |    |  |  |  |   |
| Protocol                          | SIP, HTTP, IPv4, DHCP, RTSP, RTP, RTCP, TCP, UDP, ARP, FTP, TFTP, NFS<br>(Can add SIPS/TLS, HTTPS, IPv6, SRTP if required)   |   |   |   | IPv4/v6b, HTTP, HTTPS, SSL/TLSa, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, SIP (Cisco, Avaya, Asterisk) |   |   |   | IPv4/v6, HTTP, HTTPS, SIP, SSL/TLSa, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, TCP, UDP, IGMPv1/v2/v3, ICMP, DHCP, ARP, SOCKS, SSH |
| Codec                             | OPUS (48KHz 8Kbps - 512Kbps Mono/Stereo), MP1 (44.1KHz 128Kbps Stereo), MP2 (44.1KHz 128Kbps Stereo), MP3 (44.1KHz 128Kbps Stereo), G.711 A-Law (8KHz 64Kbps), G.711 u-Law (8KHz 64Kbps), G.722 ADPCM (16KHz 64Kbps), Linear PCM 16bit Stereo 44.1KHz, Linear PCM 16bit Mono 44.1KHz, GSM (8KHz 13Kbps), |   |   |   | AAC LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Axis μ-law 16 kHz, WAV, MP3 in mono/stereo from 64 kbps to 320 kbps. Constant and variable bit rate. Sampling rate from 8 kHz up to 48 kHz.  |   |   |   |   |
| Connector                         | RJ45, 10/100Base-TX, PoE   |   |   |   | RJ45, 10BASE-T/100BASE-TX, PoE  |   |   |   |   |
| Operating condition               | Temperature: -30°C — +60°C<br>Humidity: 5%-85%   |   |   |   | Temperature: -20°C — +50°C<br>Humidity: 10%-85%   |   |   |   |   |
| Built-in MIC                      | No   |   |   |   | Yes   |   |   |   |   |
| Amplifier                         | 15W  | SIP-S11: 15W<br>SIP-S11T: 30W   | SIP-S21: 15W<br>SIP-S21T: 30W   | SIP-S22: 15W<br>SIP-S22T: 30W   | 7W  | 6W  | 6W  | 7W  |   |
| Max SPL                           | 96dB   | SIP-S11: 101dB<br>SIP-S11T: 105dB   | SIP-S21: 113dB<br>SIP-S21T: 120dB   | SIP-S22: 113dB<br>SIP-S22T: 120dB   | 90dB  | 95dB  | 96dB  | 121dB   |   |
| Frequency Response                | 100Hz- 18KHz   | 80Hz ~ 20KHz  | SIP-S21:<br>300Hz ~ 8KHz<br>SIP-S21T:<br>350Hz ~ 8KHz                             | SIP-S22:<br>300Hz ~ 8KHz<br>SIP-S22T:<br>350Hz ~ 8KHz                             | 100 Hz - 20 kHz   | 45 Hz - 20 kHz  | 60 Hz - 20 kHz  | 280 Hz - 12.5 kHz   |   |
| Waterproof                        | No   | IP55  | IP67  | IP67  | No  | No  | No  | IP67  |   |