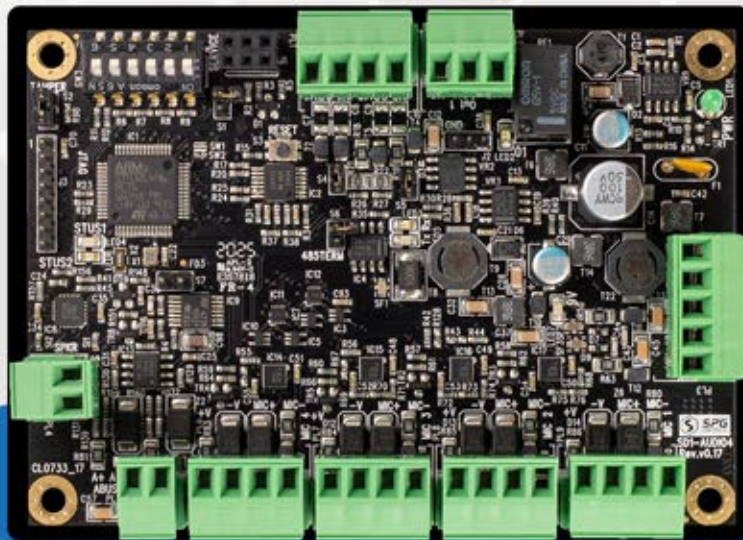


SPG Audio Listen In Module



The SPG Audio Listen In Module is connected via the encrypted OSDP bus. Each module allows up to 4 analog microphones and 1 speaker to be connected. Interfacing with the Audio Converter expansion card allows digital audio to be captured and communicated to ARCO platform. Multiple modules can be inserted onto the S1000 Smart Controller, allowing up to a maximum of 16 Audio Devices per control panel.



Encrypted
VOIP data
over IP
network



Local audio
capture to
SDCard
optional



Speaker
support

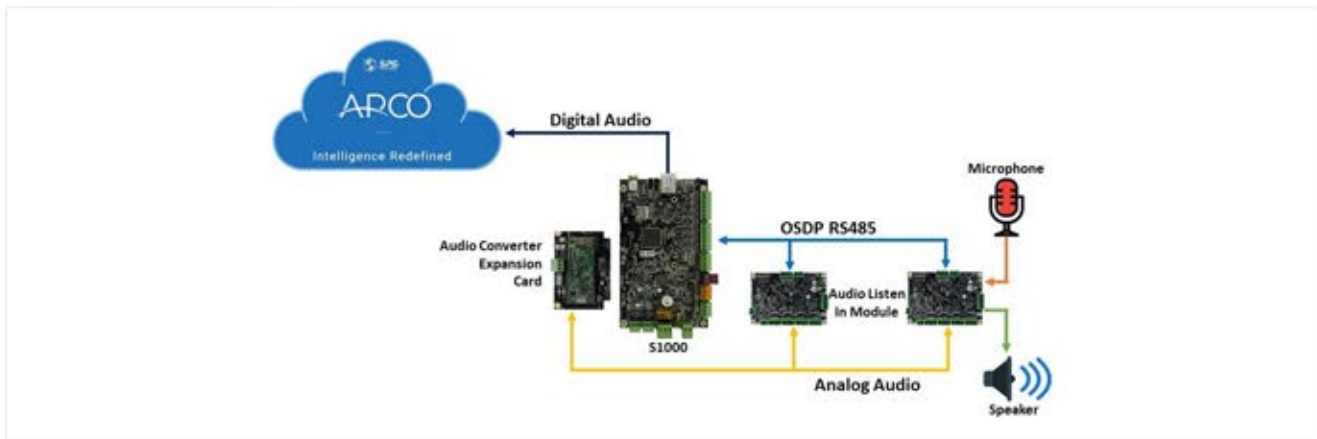


Microphone
Integration

Technical Specifications

| | |
|-------------------|---|
| Inputs | 2 Analog or Digital multi end-of-line monitored |
| Outputs | 1 Relay NO/NC 1A@24VDC |
| Microphones | 4 Analog Electret condenser Microphone Inputs |
| Speaker Amplifier | 10W Output (8Ω, THD+N = 10%) |
| Encryption | Supports SSL/TLS 1.2 Audio encryption |
| Compression | 14-bits uLaw |
| Temperature | -10°C to 70°C |
| Humidity | 5%(0°C) to 95%(40°C) |
| Power Consumption | Idle 15mA @ 12VDC / Peak 800mA @ 12VDC |
| Dimensions | 100mm x 70mm |

System Overview



Ordering Information

| Part Number | Product Code | Description |
|-------------|-----------------|---|
| 200107 | SD1-AUDIO4-PCB | Audio Listen In Module board only |
| 200108 | SD1-AUDIO4-PENC | Audio Listen In Module board and one speaker in a plastic enclosure with tamper switch. |
| 200019 | SD1-AUDIO4-KIT | Complete Audio Solution Kit with Audio Converter Expansion Card and Audio Listen In Module board and one speaker in a plastic enclosure with tamper switch. |