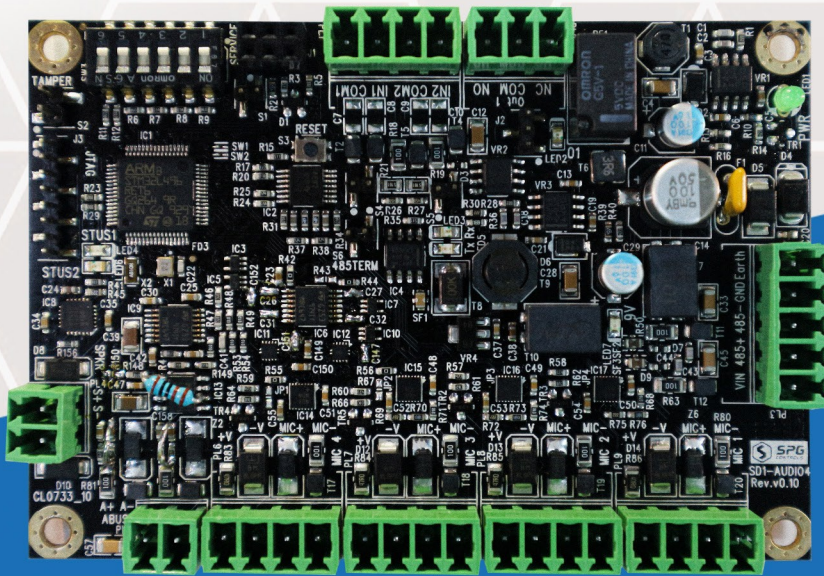
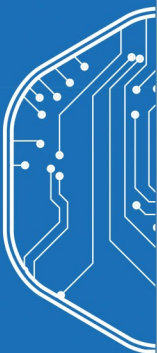


SPG Audio Listen In Module



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 8 microphones and 8 Speakers per control panel.



Encrypted
VOIP data
over IP
network



Local audio
capture to
SDCard
optional



Speaker
support

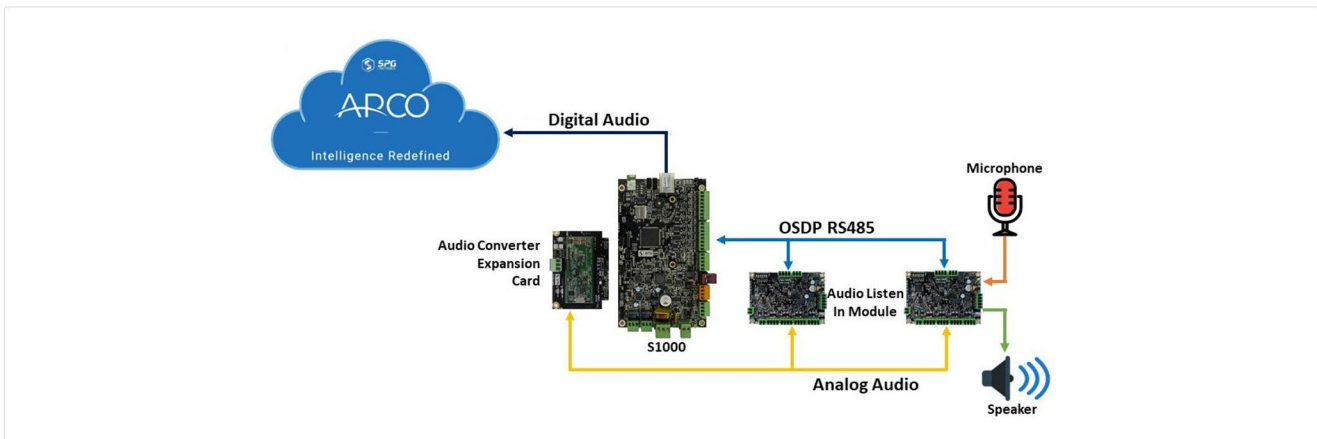


Microphone
Integration

Technical Specifications

Inputs	2 Analog or Digital multi end-of-line monitored
Outputs	1 Relay NO/NC 1A@24VDC
Microphones	4 Analog Microphone Inputs
Speaker	1 Analog Speaker Output
Encryption	Supports SSL/TLS 1.2 Audio encryption
Latency	150msec maximum
Compression	14-bit uLaw compresses to 8 bits
Temperature	-10°C to 70°C
Humidity	5%(0°C) to 95%(40°C)
Power Consumption	Idle 15mA @ 12VDC / Peak 50mA @ 12VDC
Dimensions	80mm x 56mm
Weight	50g

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 with 4 microphones and 1 speaker in an enclosure with tamper switch
200019	SD1-AUDIO4-KIT	Audio Listen in module kit with 4 microphones and 1 speaker in an enclosure with tamper switch and the Audio Converter expansion module for the S1000.