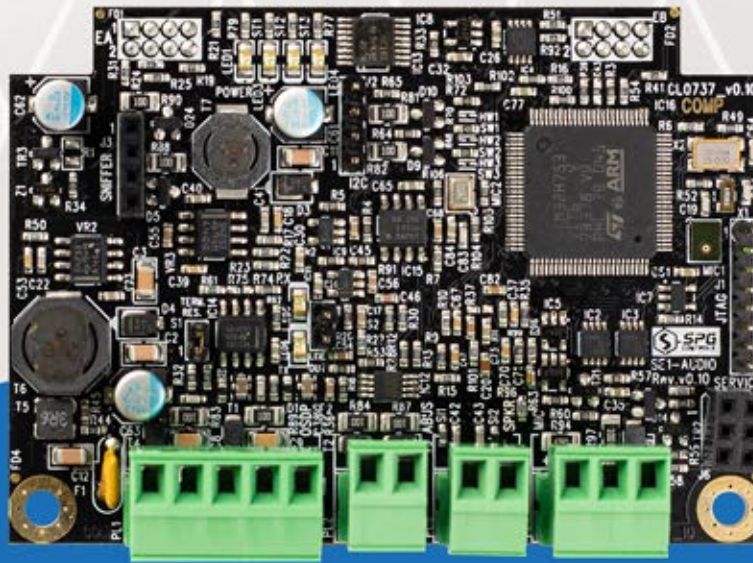


SPG Audio Converter Expansion Card



The SPG Audio Converter is an expansion card for the S1000 Smart Controller that enables an interface to the Audio Listen in Module. The Audio Converter allows digital audio to be captured and communicated to the ARCO platform. The Audio Converter can also work standalone with its built-in Digital Microphone, Amplified Microphone Input and a Speaker Output.



Encrypted
VOIP data over
IP network



Local audio
to SDCard
optional



Digital Audio
Converter

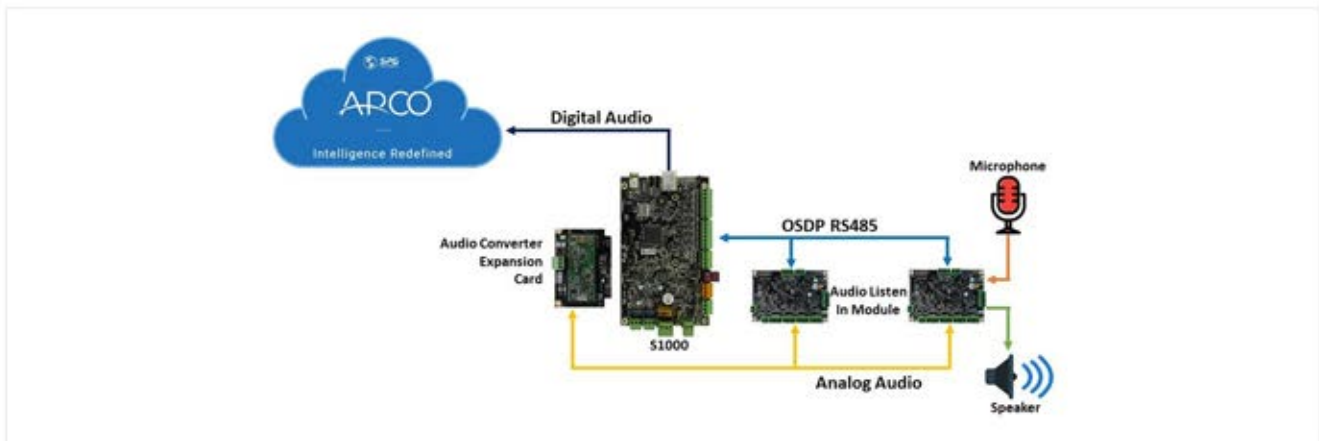


Auto card
detection on
S1000

Technical Specifications

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
200117	SE1-AUDIO-PCB	Audio Converter expansion card.