IP-A1SC15

Add a strong voice to your IP System
Plug & Sound: Based on open standards, the IP-A1SC15 IP Horn Speaker plugs right into standard IP networks and can be easily integrated with your VMS or SIP-based system. The IP horn speaker broadcasts crystal clear pre-recorded voice messages, manually or automatically triggered by IP cameras, image sensing or motion detection video systems, or live speech announcements via VoIP (Voice over IP) / SIP phone or video management systems.
High sound pressure level: The integration of the IP horn speaker via PoE+ enables the integrated amplifier to broadcast excellent sound quality at a very high sound pressure level over long distances.
Robust weather resistant housing: The IP-A1SC15 combines the TOA proven robust construction with the latest IP technology. Its weatherproof enclosure is perfectly suited for outdoor applications.
Simple to install wherever you need a strong voice: A single standard network cable provides both power and connectivity with your network.
Easy to customize over API (Application Programming Interface): Adapt the individual volume to the environmental noise level and optimize it to time of day, distance, and degree of emergency.
Flexible group paging: The IP-A1SC15 IP Horn Speaker can be addressed via multicast enabling audio paging into groups of IP devices simultaneously.
Application examples:
VMS calls and paging into outdoor areas as construction sites, company or private properties, or parking spaces, as well as alert/every-day paging into outdoor areas of public buildings as schoolyards, hospitals or office buildings. The IP-A1SC15 horn speaker can be integrated into security poles.

Article number:IP-A1SC15
Alternative products: SC-P620

We supply sound, not equipment.
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Specifications

Indicator	LAN: LINK/ACT (green), STATUS (orange)
Internal audio files	Max. 20 messages (Max. recording capacity: 80 MB) Supported file formats: WAV file: 8/16/44.1/48 kHz sampling frequency, 8/16 bit, monaural/stereo MP3 file: 32/44.1/48 kHz sampling frequency, 64 - 320 kbps, CBR/VBR, monaural/stereo Repeat playback: Playcount (1 - 10 times), Duration (5 - 3600 s) or Timer (from start time to end time) Interval time: 0 - 60 s, Delay time: 0 - 30 s Trigger: Control Input or Remote API (HTTP)
Audio Codec	PCMU (G.711u), PCMA (G.711a), G.722
Power source	PoE+ (IEEE802.3af Class 4) , PoE (IEEE802.3af Class 3)
Sensitivity (1#V, 1#m)	112 dB (500 Hz - 2.5 kHz, peak level)
Control input	2 channels, no-voltage make contact inputs, open voltage: 5 V DC,short-circuit current: 2 mA or less, removable terminal block (3 pins)
Frequency response	280 Hz - 12.5 kHz
Network audio I/F	SIP Broadcasting Mode: PCMU/PCMA/G.722, P2P/SIP Server Connection Multicast Broadcasting Mode: PCMU/PCMA/G.722, Auto codec recognition, 20 ports VMS Broadcasting Mode: ONVIF Audio Backchannel, PCMU Internal Message Broadcasting Mode Note: Each broadcast mode can be assigned an order of priority using the Priority Setting function. ONVIF is a registered trademark of ONVIF Inc.
Power consumption	22 W (at PoE+ powered, rated output) 12.95 W (at PoE powered, rated output) 5 W (IEC62368-1)
Control output	1 channel, open collector output, withstand voltage: 30 V DC,control current: 10 mA or less, removable terminal block (3 pins)
Network control I/F	Remote API (HTTP commands)
Max. SPL (1 m)	124 dB (at PoE+ powered, 15 W) (500 Hz - 2.5 kHz, peak level) 121 dB (at PoE powered, 8 W) (500 Hz - 2.5 kHz, peak level)
Network I/F	100BASE-TX, Auto MDI/MDI-X, RJ-45 connector
Network protocol	TCP/IP, UDP, HTTP, RTP, RTSP, RTCP, ARP, ICMP, IGMPv3, NTP, SIP (RFC3261)
Clock Accuracy	±13 s per month, Power outage protection period: 24 h (RTC time retention, at 40 °C)
Time Adjustment	Manual time setting, Time adjustment by NTP server
Finish	Aluminium, ABS resin, Polycarbonate, Stainless steel, paint, off-white (RAL 9010 or equivalent),
Operating humidity	90% RH or less (no condensation)
Operating temperature	-30°C to +55°C

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Appearance