

Data Sheet

Avigilon Horn Speaker



Effectively communicate sitewide with the Avigilon Horn Speaker. Detect trespassing or deter intruders and improve situational awareness for operators, even at remote sites using the IP Horn Speaker's seamless integration with Avigilon Unity Video software.



Water and Dust Protection

Built to withstand harsh environmental conditions, the speaker features an IP66-rated enclosure that guards against water and dust, ensuring durability in both indoor and outdoor settings.



5-Year Warranty

Invest with confidence through Avigilon's industry-leading 5-year warranty, reflecting a commitment to high-quality audio performance and long-term product reliability.



Extended Temperature Range

Engineered for extreme climates, the speaker operates reliably in a wide temperature range from -30 °C to +55 °C (-22 °F to 131 °F).



Avigilon Unity Video integration

Seamlessly connects with Avigilon Unity Video software to improve situational awareness, allowing operators to detect trespassing and deter intruders with real-time audible warnings.



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Compliant with NDAA 2019
Section 889

Specifications

Electrical & Audio Performance		
Power Source		PoE+ (IEEE802.3at Class 4) or PoE (IEEE802.3af Class 3)
Power Consumption		22 W (at PoE+ powered, rated output); 13 W (at PoE powered, rated output); 5 W (IEC62368-1)
Amplifier Rated Output		15 W (at PoE+ powered); 8 W (at PoE powered)
Sensitivity		112 dB (1 W, 1 m) (500 Hz – 2.5 kHz, peak level)
Maximum Sound Pressure Level		124 dB (at PoE+ powered, 15 W, 1 m) (500 Hz – 2.5 kHz, peak level); 121 dB (at PoE powered, 8 W, 1 m) (500 Hz – 2.5 kHz, peak level)
Frequency Response		280 Hz to 12.5 kHz
Audio Codec		PCMU (G.711u), PCMA (G.711a), and G.722

Network & Integration		
Network Interface		100BASE-TX, MDI/MDI-X, RJ-45
Network Protocols		TCP/IP, UDP, HTTP, RTP, ARP, ICMP, RTSP, SIP (RFC3261)
Broadcasting Modes	SIP	PCMU/PCMA/G.722
	Multicast	PCMU/PCMA/G.722, Max. 10 ports
	VMS	Audio Backchannel, PCMU
	Internal Message Broadcasting Mode	
	Priority Setting	Each mode can be assigned an order of priority using the Priority Setting function.
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).
Control Output		1 channel, open collector output, withstand voltage: 30 V DC, control current: 10 mA or less, removable terminal block (3 pins).

Internal Messaging	
Storage	Max. 20 messages (Max. recording capacity: 80 MB).
WAV Format	8/16/44.1/48 kHz sampling frequency, 8/16 bit, monaural/stereo.
MP3 Format	32/44.1/48 kHz sampling frequency, 64–320 kbps, CBR/VBR, monaural/stereo.
Playback Settings	Repeat count: 1–10 times; Interval time: 0–30 sec.



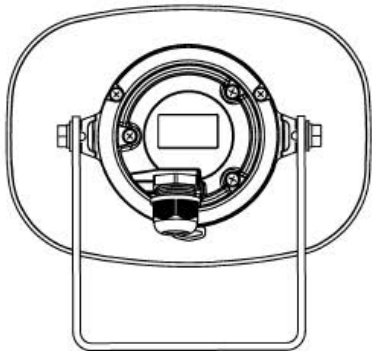
Internal Messaging	
Trigger	Control Input or Remote API (HTTP).
Mechanical & Physical	
Dimensions	222 (W) × 211 (H) × 276 (D) mm (8.74" × 8.31" × 10.87")
Weight	1.4 kg (3.09 lb)
Finish	Horn flare and body: Aluminum, off-white (RAL 9010 equivalent), paint. Reflector horn: ABS resin, off-white (RAL 9010 equivalent). Rear cover: PC resin, off-white (RAL 9010 equivalent), paint. Bracket, screws and bolts: Stainless steel.
Indicators	LAN LINK/ACT (green), STATUS (orange)
Accessories Included	Rear cover (1), Removable terminal plug (3 pins) (2).
Optional Mounting	Speaker mount brackets (SP-131, SP-201, SP-301) and Pole band (YS-60B)
Environmental	
Dust/Water Protection	IP66
Operating Temperature	-30 °C to +55 °C (-22 °F to +131 °F)
Operating Humidity	90% RH or less (no condensation)
PC Requirements (for Configuration)	
Operating System	Windows 10 Pro or Home (64-bit edition)
Web Browser	Google Chrome or Microsoft Edge



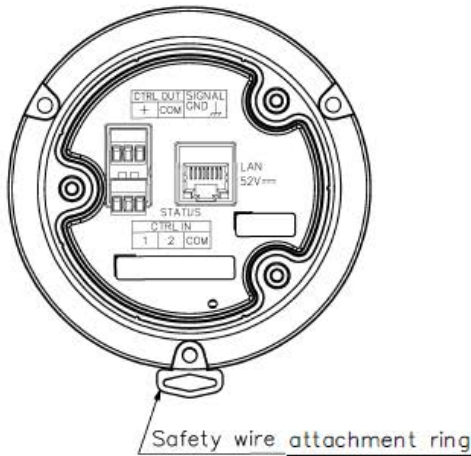
Outline Dimensions

Avigilon IP Horn Speaker

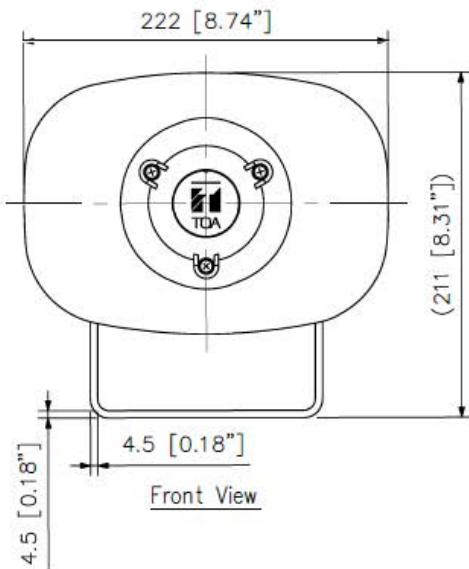
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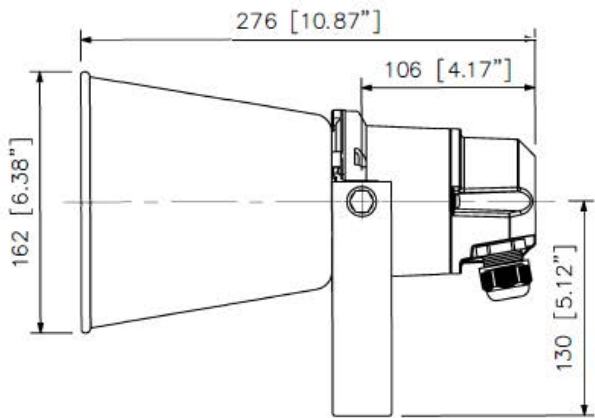
Rear View



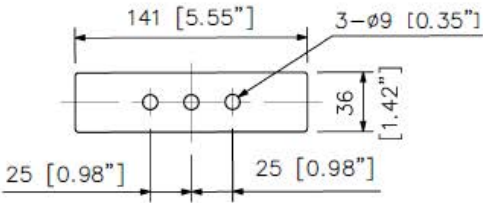
Close-up with rear cover removed



Front View



Side View



Dimensions of mounting bracket



Ordering Information

Part Number	Description
ACC-SPEAKER-2	Avigilon Horn Speaker



Support

For product support, visit: [avigilon.com](https://www.avigilon.com) or sales@avigilon.com

To learn more, visit: www.avigilon.com



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20260429-en Rev 11