



SPS-A100M

오디오 비콘



Key Features

- 5 개 MEMS Microphones
- 양방향 오디오 지원 Full-duplex
- 90dB 내장 스피커
- AI 기반 소리 분류 Glass, Screaming, etc.
- 전이중 양방향 오디오 지원
- 5개의 MEMS 마이크 내장
- 내장 스피커 (최대 음압 레벨 (PoE+) 90dB)
- 명확한 상태 알림을 위한 LED 링 표시기 내장
- AI 기반 소리 분류 포함
- 최고 음질 (오디오 파일), 이벤트 메타데이터 지원
- 방향 탐지 알고리즘을 통한 정확한 소리 발생 지점 감지
- 타사 VMS 통합 지원

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Specifications

Video		
Resolution		1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360
Max. Framerate	H.265/H.264	10fps
	MJPEG	5fps
	Others	Static image video
Video Out		USB: Micro USB Type C, setting true north point using Wisenet installation
Operational		
Alarm Interface		2 configurable I/O ports
Alarm Triggers		Analytics, Network disconnect, Alarm input, App event(Sound classification), Time schedule, MQTT subscription, Case tampering
Audio Streaming		Two-way/one-way selectable, Full duplex, Echo cancellation, Noise reduction
Alarm Events When Alarm Trigger Occurred		File upload (audio): e-mail/FTP, Notification: e-mail, Alarm output, Handover: PTZ preset, send message by HTTP/HTTPS/TCP, Audio clip playback (6MB, WAV), MQTT: publication, LED, Speaker
Audio In		Built-in MEMS 5mics
Audio Out		Built-in speaker, Max. Sound Pressure Level 90dB at 1m (3.28ft), Frequency Range: 144Hz~20kHz
Light Type		LED Ring (Green, Blue, Red, Pink, Sky blue, Purple), for event action
Analytics		
Analytics Events Based on AI Engine		Sound classification
Classified Sound Type		Crashing glass, Screaming, Vehicle horn, Tire screech
Event Metadata		Sound type, Sound direction, Confidence, Timestamp, Best sound (audio file), dB(±10dB)
Sound Direction		Ceiling mounting: ±15 degrees
Network		
Ethernet		RJ-45(10/100 BASE-T)
Audio Compression		G.711 u-law /G.726 selectable, G.726(ADPCM) 8kHz, G.711 8kHz, G.726: 16kbps, 24kbps, 32kbps, 40kbps, AAC-LC: 16kHz(48kbps)
Streaming	Unicast	Up to 6 users
	Multicast	Support
	Multiple Streaming	Up to 6 profiles

Network

Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP(TCP, UDP Unicast), MQTT, SIP 2.0(RFC 3261 and companion RFCs)	
Application Programming Interface	ONVIF	S
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform, AI Sound Classification pack included

Security

OS / Firmware Protect	Encrypted firmware, Secure boot, Signed firmware	
User authentication	Digest authentication, Prevent brute-force attack	
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2)	
Secure Communication	SRTP, HTTPS, WSS(WebSocket Secure)	
Access Control	IP-based access control	
Data Protect	Encryption credentials, Encrypt compress for live recording file export	
Audit	Access / System / Event Log management	
Device ID	Device certificate(Hanwha Vision Root CA)	
Secure Storage	Secure element	
Security Certificate	Secure element(FIPS 140-3 level3, CC EAL6+)	

General

Memory	RAM	4GB
	Flash	512MB

Environmental & Electrical

Operating Condition	Temperature	-20°C~+55°C(-4°F~+122°F)
	Humidity	0~90% RH(non-condensing)
Storage Condition	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Input Voltage	PoE+(IEEE802.3at, Class4)	
Power Consumption	PoE	Max 18.5W, typical 8.2W

Mechanical

Color	White	
Material	Plastic, Aluminum	
RAL Code	RAL9003	
Product Dimensions	215.1(W)×135.1(D)×52.8(H)mm(8.47"×5.32"×2.08")	
Product Weight	973g(2.15 lb)	
Compatible Conduit Hole	Support conduit compatibility via optional adaptor	
Compatible Gang Box	Single, Double, 4" Octagon, Square	

Certifications & Standards

EMC	FCC 47 CFR 15 Subpart B Class A, ICES-3(A)/NMB-3(A), CE/UKCA - EN 55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3, VCCI CISPR 32 Class A, RCM AS/NZS CISPR 32 Class A	
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Certifications & Standards

Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1, IEC/EN 62471
Environment	IEC/EN 63000

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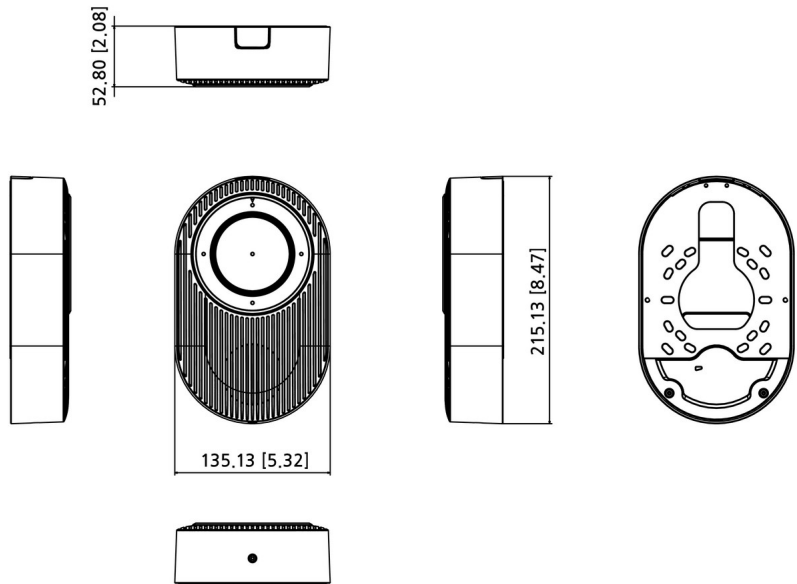
오디오 비콘



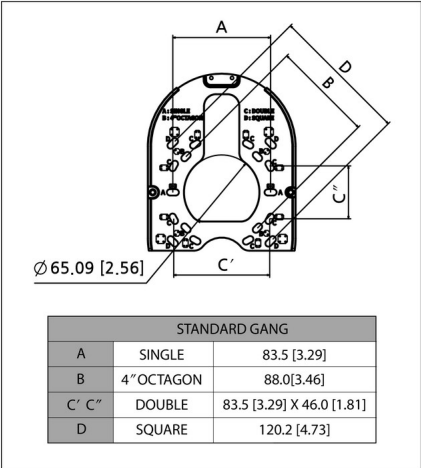
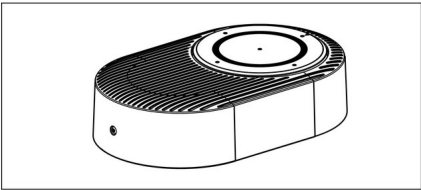
CAD

Unit: mm [inch]

SPS-A100M AI Sound Detector



Reference image



Revision	V1.1
Revision Date	25/02/27
Paper Size	A0
Unit	mm [inch]
Scale	1:1

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호환 제품



SBP-215HMW