

# Eagle Eye DH02 Speaker

## 15W Indoor IP Speaker

The EN-SDUH-002a (DH02) is a flush-mount IP ceiling speaker designed for seamless integration with the Eagle Eye Networks Cloud VMS. Ideal for offices, schools, healthcare facilities, and retail environments, this sleek unit features two-way audio, clear voice output, and simple PoE installation. Whether triggered by events or used for live communication, the DH02 delivers excellent sound quality while blending into any modern interior.



### AUDIO PERFORMANCE

Max Sound Pressure	96 dB @ 1m
Frequency Response	100 Hz – 18 kHz
Supported Codecs	OPUS, MP3, G.722, G.711 (PCMU/PCMA)
Harmonic Distortion	0.1% @ 1kHz
Signal-to-Noise Ratio	91 dB
Applications	<ul style="list-style-type: none"> <li>Office paging and announcements</li> <li>School-wide emergency messaging</li> <li>Hospital intercom and notifications</li> <li>Retail customer service or deterrence</li> <li>Access control talkback at reception or security desks</li> </ul>

### NETWORK AND INTEGRATION

Interface	10/100 Mbps Ethernet (RJ45)
Protocols	SIP, ONVIF, HTTP, RTSP, RTP, TCP, UDP, FTP, NTP, DHCP
SIP Features	2 SIP accounts, direct IP call, multicast RTP
API Integration	HTTP API for remote event triggering

### POWER AND CONSUMPTION

Amplifier	Built-in 15W
Microphone	Built-in
Power Supply	PoE (IEEE 802.3af) or 12–24V DC
Alarm Input	1-channel dry contact
Enclosure Material	Metal (flush-mount design)
Installation	In-ceiling
Dimensions	Ø200 × 90 mm Ø7.87402 × 3.54 in
Weight	1.0 kg 2.2 lbs

### Key features

- Two-Way Intercom Communication**  
 Equipped with a built-in microphone for live talkback, access control, or remote assistance.
- High-Fidelity Audio**  
 OPUS 48kHz codec ensures exceptional sound clarity for speech and announcements.
- Cloud-Connected with VMS Integration**  
 Works directly with Eagle Eye Cloud VMS for live announcements and alert-based playback.
- Pre-Recorded and Live Audio Playback**  
 Supports preloaded messages and SIP-based VoIP calls.
- Easy PoE Installation**  
 One cable handles both power and data—no need for separate power sources.
- Alarm Input Triggering**  
 One-channel input for activating audio playback in response to door contacts, alarms, or buttons.

### EAGLE EYE PART NUMBER

EN-SDUH-002a	Eagle Eye Speaker DH02 Recessed Can, 15w, POE
EN-SP01-M30-1	Eagle Eye VMS Speaker/Intercom M30 (24x7 support, central management) Monthly
EN-CCD05-0	Eagle Eye Camera L3 Complete Setup
EN-RR03-1	Eagle Eye Camera L3 Ext Warranty and Rapid Replacement Monthly