NETWORK HORN SPEAKER
DS-15H

"Immerse, Inspire, Innovate:
IP Speakers Transforming Audio Experiences"

Dasscom DS-15H is a SIP enabled horn speaker which provides exceptionally clear and intelligible voice for SIP paging, notification/tone broadcasting and streamed background music. It is suitable to be deployed in outdoor and other open spaces for public notifications and public safety purposes.

FEATURES

» *Built-in 15W amplifier, 400Hz to 8KHz frequency range and 117dB max sound pressure level, the audibility and intelligibility of voice paging are guaranteed even in noisy and large spaces.*

» *With IP65 protection rating and well thermal durability. DS-15H is suitable for outdoor installation and operations, even in extreme outdoor environments..*

» *Dasscom IP Audio Center auto provisioning support, large-scale installations (local or remote) will be extremely easy and time-saving.*

» *Built-in SIP support, can be integrated with Dasscom IP Audio Center or third-party SIP server, SIP paging using wideband G.722 codec which provides crystal clear HD voice.*

» *Music playback through Dasscom IP Audio Center using streamed media. HD MP3 audio files supported for superior quality of background music.*

APPLICABLE SCENARIOS

| Schools | Health Care | Government Offices | Train/bus Stations | Indoor Parking |

| Shopping Malls | Residential | Retail Store | Office Building |

| Airpots | Warehouses | Hotels |

Key specification

Speaker	
Speaker component:	2"midrange driver unit
Sensitivity:	105dB/1m/1W
Max sound pressure level:	117dB
Amplifier:	Built-in 15W Class D Amplifier
Rated power:	15H
Frequency range:	400Hz 8KHz
Coverage Pattern:	50°H 50°V, effective distance 70m
Acoustics:	Mono
Audio	
Audio codecs:	G.722, G.711 A-law, G.711 U-law, G.729
Audio streaming:	MP3 sampling rate 8-48KHz, bit rate 64 - 320kbps, mono or Stereo
Network	
Interface:	RJ45 10BASE-T/100BASE-TX POE
Protocols:	HTTP, HTTPS, IPV4, SSL, QoS Layer3 DiffServ, SFTP, FTP, DNS, SNTP, NTP RTSP, RTMP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH, SIP, ONVIF
Administration:	
Configuration:	Web interface or auto provisioning server.
Provisioning method:	MQTT IoT Protocol
Mechanical Properties	
Memory:	128MB RAM, 256MB Flash
Power input:	PoE IEEE802.3at/DC24V2A
Casing:	Surface-treated 1060 aluminium
IP Rating:	IP65
Color:	Grey
Weight:	2.68KG (5.9lb)
Dimension:	0270 x 260 mm (8.1 x 7.8 in)
Mounting method:	Wall/pole mounted
Key:	Press and hold for 3 seconds to announce IP address; Press and hold for 10 seconds to reset device to factory defaults.
Environmental	
Installation environment:	Outdoor
Operating temperature:	-40°C 70°C (-40°F - 158°F)
Storage temperature:	-40°C -70°C (-40°F - 158°F)
Humidity:	10%-95% RH Non-condensing