



Descriptions

Digital IP network POE Horn 30W@DC24V , 25W@POE IPH-525POE generally produces better sound without taking up the valuable floor space that floor mounted speakers, can be placed anywhere for commercial applications such as the sound reproduction in areas such as schools, clothes stores, shopping malls, restaurants, factories, gymnasiums etc.

Specifications

Model	IPH-525POE
Rated Power	25W (when powered by POE), 30W (DC24V)
Network interface	Standard RJ45 input
Input power supply	POE/DC24V
	50Hz/60Hz;
Supported protocols	RTP, UDP, TCP/IP, FTP;
Audio format	MP3/WAV;
Sensitivity	95±2 dB(1m,1W)
Sampling rate	8K-48KHz
Transmission rate	100Mbps
Audio mode	16-bit stereo CD quality
Frequency response	±2db (200~18kHz)
Harmonic distortion	≤1%
Signal-to-noise ratio	>80dB
Waterproof grade	IP65
Ambient temperature	-20℃ ~7 0℃
Operation humidity	20% ~ 80% relative humidity, no condensation;
Installation form	Bracket
Material	ASA engineering plastics
G.Weight	4.5kg
Dimension	285 (width) * 270 (depth) * 180 (height) mm

Features:

1. Using linux system; high-end 4-core ARM chip, stable performance and fast operation;
2. ★Circuit design has multiple security functions: power supply voltage monitoring, current limiting, automatic restart of the terminal if it crashes, multiple lightning protection, anti-static damage, extremely high safety and stability, and supports 7×24 hours of uninterrupted work;
3. ★The smart cloud system adopts AI intelligent recognition technology and has terminal intelligent binding function. Smart terminals automatically display their status on the main page of the system, without adding them one by one;
4. Remote firmware version upgrade supports batch upgrade of the same type of equipment and supports single device upgrade; supports remote upgrade of smart cloud broadcast system management software without the need for technicians to go to the local computer room, achieving zero client maintenance and reducing the work intensity of maintenance personnel;
5. ★Each device comes with QR code identity information and mobile APP (mobile phone or tablet) software to establish a connection with the network broadcast server by scanning the QR code. The mobile terminal remotely controls the broadcast management interface, which can realize program playback, terminal name modification, system settings, volume adjustment and other operations (there is no need to bring the equipment back to the computer room to configure one by one, greatly shortening the equipment debugging cycle);
6. ★The platform supports offline backup function, with built-in 2G EMMC memory and 256M DDR flash memory. The scheduled points are automatically downloaded to the terminal memory during the network idle period, reducing the network burden. On-demand programs are stored while playing, and the system will play according to the frequency of playback. A comprehensive algorithm is used with the last played program to ensure that there is enough space in the memory. When the network is unavailable, the scheduled program will be played normally. After being downloaded to the memory and played again, it will no longer occupy traffic;
7. ★Video command linkage: compatible with Hikvision and Dahua third-party cameras, and the camera content can be viewed in real time through the host software;
8. ★Supports remote control, and can perform remote broadcast operations on the terminal through the mobile phone APP. Support Beidou and GPS positioning to accurately locate the location of the device;
9. ★Supports the microphone TALKOVER function, which effectively solves the problem that digital signals cannot be mixed with analog signals such as microphone speech when broadcasting the system timing program;
10. ★The system has built-in digital audio channel adaptive parametric equalization algorithm, multi-band dynamic range adjustment, supports ten-segment parametric DSP sound effect processing, and the terminal sound effects can be adjusted in the background through the Web mode remote broadcast system, including pop, dance, rock, classical, and people. Sound, soft and customized ten-band equalizer adjustment: ±10dB adjustment of 31Hz.62Hz.125Hz.250Hz.500Hz.1KHz.2KHz.4KHz.8KHz.16KHz frequency point, supporting the adjustment and modification of terminal equipment in different on-site use environments. sound effects;
11. ★Integrated 24Bit professional-grade sound card, fever-grade audio decoding, maximum audio code stream 768kpbs, supports multiple music formats MP3/MKV/FLAC/WAV (original file playback, sound quality reaches CD level);
12. ★Supports the fire alarm forced insertion function. When the system receives the fire signal and enters the alarm mode, the terminal is forced to broadcast the preset fire voice at the maximum volume;
13. Set a reset button to restore to factory settings with one click;
14. ★ Applicable to a variety of network environments: adopts TCP, UDP, unicast and multicast mixed transmission protocols, automatically switches in different scenarios, supports static IP and DHCP, all terminals can be cross-routed, and are compatible with routers and cross-Internet networks. Switches, bridge gateways, Modem, Internet, 2G, 3G, 4G, audio fault-tolerant coding technology can work normally even with 5% packet loss;
15. Multi-purpose on the first line: standard RJ45 interface, which can be accessed wherever there is an Ethernet port, making full use of existing network resources, avoiding repeated establishment of lines, and truly realizing the integration of multiple networks such as broadcasting, computers, and monitoring networks;
16. Built-in network isolation and lightning protection processing circuit, supporting 15KVESD protection;
17. ★Anti-shock circuit to avoid the "pop, pop" sound of switching on and off;
18. ★The power amplifier has a fade-in and fade-out function, so the music will not be suddenly loud when it starts, achieving a smooth transition effect;
19. ★Built-in environmental sound monitoring module for users to choose;
20. ★Energy-saving noise reduction processing circuit, automatically enters a dormant low-power consumption state when there is no signal input;