
IP Horn Loudspeaker

The IP horn loudspeaker shall be able to support various standard network protocols and forums such as API (Application Programming Interface), and shall be able to complement VMS (Video Management System) and other network video integration systems.

For the deployment of multiple speakers, multi-cast paging shall be made possible via a SIP microphone or telephone.

The device shall be protected against the ingress of water and dust to IP 66 standards and shall be SIP compliant to broadcast clear and intelligible messages over a wide area via a single network cable.

There shall be two no-voltage control input and an open collector output for broadcast; internal audio source, calling to a SIP telephone and an external beacon, etc.

Remote settings of the IP horn loudspeaker shall be achieved by connection to a Windows® based personal computer and by using the PC's browser, operational settings, functions, speaker volumes and system status can be achieved.

The frequency response of the loudspeaker shall be between 280 Hz – 12.5 kHz measured on axis with a Sound Pressure Level (SPL) of 124 dB measured at 1 meter with a power input of 15 watts or 121dB with a power input of 8 watts measured at 1 meter. The internal class-D amplifier shall be capable of producing up to 8 watts of power using PoE and up to 15 watts of power when using PoE+.

The IP horn loudspeaker shall operate in temperature conditions of between -30 to + 55 °C (-22 to 131 °F) and shall be constructed from aluminum with an ABS resin reflector horn finished in an off-white (RAL 9010 equivalent), bracket, screws and bolts shall be stainless steel. Dimensions shall be 222(W) ×211(H) ×276(D) mm (8.74" × 8.31" × 10.87 ") weighing 1.4kg (3.09 lb).

Optional extras:

Speaker Mount Bracket: SP-131, SP-201, SP-301

Pole Band: YS-60B

manufactured by TOA Corporation

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Model: IP-A1SC15