

Industrial Emergency Intercom Panel

HIP2010



Features

- *Two way communication panel with one button press to talk to intercom station
- *Ideal communication system for bank, prison, hospital, school, mining Plant, transportation center, airport, metro or subway.
- *Full IP/TCP network audio system which could be set up over non-dedicated network system
- *Embed PC technology, build-in DSP and high speed industrial chip to ensure start time less than 1 second
- *Ring call to intercom station microphone and automatically transfer function when no answer or busy
- *Built-in 20W class-D amplifier to power 8 Ω speaker
- *Built-in high sensitivity microphone for long distance voice pick.
- *Intercom station microphone and PC server center can broadcast music or voice message directly
- *Hand free communication system
- *One dry contact input to be controlled by third party system
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- *Safe DC24V power adapter supplied
- *Minimum data delay and no echo noise
- *Full aluminium body for weatherproof IP55 level and explosive-proof design
- *Aluminum alloy body of 5mm thickness for weatherproof IP66 Level and explosive-proof design
- *Special anti-dismounting screw is supplied for fix up
- *Support WAN, LAN, span gateway and cross router

Description

The HIP2010 is a weatherproof & explosive-proof two way communication intercom panel. It is used to have one button press communication with the network paging microphone HIP1002. It very reliable industrial two way communication system for bank, prison, hospital, school, mining plant, transportation center, airport, metro or subway.

In a real applications, there will be several network paging microphone HIP1002 shall used as intercom station for reception desk, security office, nurse room or logistic center. each intercom station network paging microphone will be ID address distinguished by its own IP address, so one intercom station network paging microphone shall be responsible to answer and supervise several IP intercom panel HIP1010. Under emergency or information inquiry, the IP intercom panel can press button to call its pre-designed intercom station microphone can answer or reject the call. if the pre-designates intercom station microphone is long time no answer or busy, the secondary intercom station microphone will be automatically transferred. Every ring call is accompanied with warning chime tone and flashing indicator. While the intercom station microphone with could directly make announcement or send pre-recorded messages to the IP intercom panel to warning the potential emergency which may be saw from CCTV system.

The IP intercom panel is built-in a high sensitivity microphone and a 5W full rang monitor speaker to ensure voice clearance and loudness.

The IP intercom system is built-in a decoder which is used to decode aux and control data into analog to internal amplifier and internal speaker.

This IP intercom panel could be installed in anywhere of non-dedicated network system, so can help to save wiring cost.

The IP intercom panel is also with a dry contact output to inter-work with third party low voltage system like CCTV, door access system and home automation system.

Status indicator will be light in different color for paging, intercom and voice alarm system.

DC 12V to 24V safe power supplied system.

The IP intercom panel is desined of in-wall or wall mount design of outdoor applications.

Specification

Model	HIP2010
Network Interface	Standard RJ45 input
Communication Protocol	TCP/IP, UDP, IGMP
Audio Format	MP3/MP2
Sampling Rate	8K~48KHz
Transmission Speed	10/100Mbps
Audio Mode	16-bit stereo CD sound level
Frequency Response	20-16KHz (+1dB, -3dB)
T.H.D.	≤0.3%
S/N Ratio	>70dB
Speaker Output & Impedance	30W, 8Ω
Working Temp	5 °C~40° C
Humidity	20%~80%
Power Consumption	40W
IP Rate	IP66
Power Supply	DC24V
Dimensions	320x205x120mm
Weight	5.5Kg

Connections

