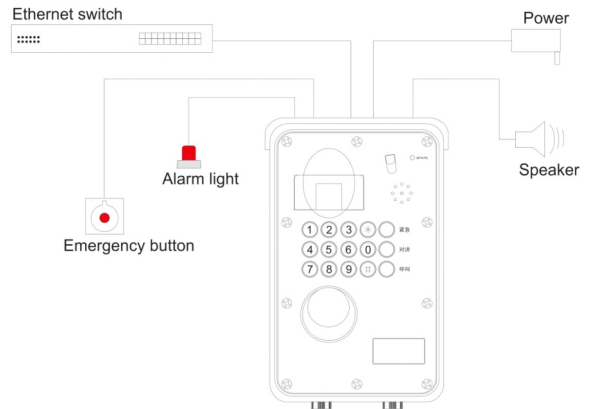
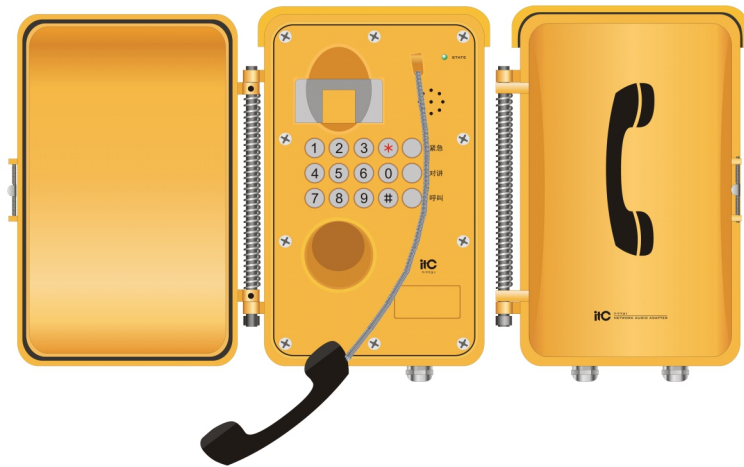




# Industrial Emergency Intercom Terminal

## T-7731



### Description:

T-7731 is a wall mounted intercom terminal with dial buttons. It is dedicated designed for places including power plants, dams, steel plants, coal plants, mines, etc. It can realize two-way intercom with call center and duty room, and also can be applied to paging and background music broadcasting.

### Features:

- \* Adopting 5mm thickness alloy enclosure, with very strong structure of waterproof and dust-proof.
- \* Adopting embedded computer technology and DSP audio processing technology, with the high-speed industrial chip, the start time less than 1 second.
- \* Built-in 1 channel network audio decoding module, supports TCP/IP, UDP, IGMP protocol and realize the networking transmission of 16-bit CD quality audio signal.
- \* Built-in voice intercom module, support full duplex intercom and call, work with high-performance DSP audio processing module to support digital echo cancellation and audio compression function.
- \* Built in with number buttons and function keys, support calling to any terminal, full duplex intercom, hands-free call, easy and convenient to operate.
- \* Built-in incoming call buzzer, the phone with hand-held, which can answer the call by taking down the handle.
- \* It has one line output built in, which can be connected to an external amplifier for sound amplification.
- \* Built in with 30W digital amplifier, which could be connected with external rated resistant speakers for paging, sound amplifying and playing background music.
- \* Built-in one short-circuit input connecting terminal and one short-circuit output connecting terminal; the short-circuit input connecting terminal is used to collect signal and data, the short-circuit output connecting terminal is used to CCTV linkage.
- \* Support multiple call strategies, including call waiting, call forwarding and no answer reminding.
- \* Support custom function of call waiting time, no answering time and call waiting time.
- \* Support menu-free dialing, meeting mode, built in with meeting schedule management function.
- \* Support preset quick-play media library, support online remote play the audio file.
- \* Support customized hanging up mode, it can be automatic hanging up or been hung up.
- \* Support one key to call mode, one key to alarm mode and meeting discussion mode.
- \* With high protection grade of IP 66, with alloy enclosure and removal-proof screws, with advantages of explosion-proof, water-proof and puncture-resistant.
- \* Compatible with router, switch, bridges, gateway, Modem, Internet, 2G, 3G, 4G, multicast, unicast, etc.
- \* Digital products with easy expansion, without geographical restrictions, no need to increase management equipment on the machine room , using a common network from the design concept of line construction for easy installation.
- \* The system supports remote hardware updating to the terminals, no need to go to the local terminal site, save a lot of maintenance work.
- \* Optional with 24V DC power supply.

### Specifications:

Model	T-7731
Network Interface	Standard RJ45 Input
Protocol	TCP/IP, UDP
Audio Format	MP3
Sampling Rate	8K~48KHz
Transmission Rate	100Mbps
Audio Mode	16-bit stereo CD level
Output Frequency	80Hz~16KHz +1/-3dB
THD	≤1%
SNR	>65dB
Power Of External Speaker	30W Industrial standard connecting terminal
Operating Temperature	-20℃~60℃
Operating Humidity	20%~80% relative humidity, non-condensation
Power Consumption	≤40W
Power Supply	~190-240V 50-60Hz
Protection Grade	IP66
Size	320×205×120mm
Weight	5.5Kg
Explosive-proof grade	Ex d ib II BT6 Gb
LINE OUT Output Level	1000mV Industrial Standard Crimp Terminal Blocks