Industrial Emergency Intercom Terminal
T-7731
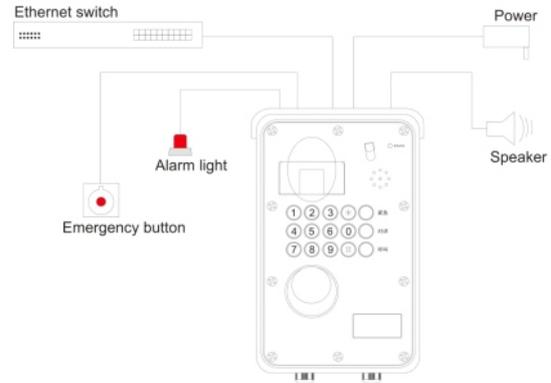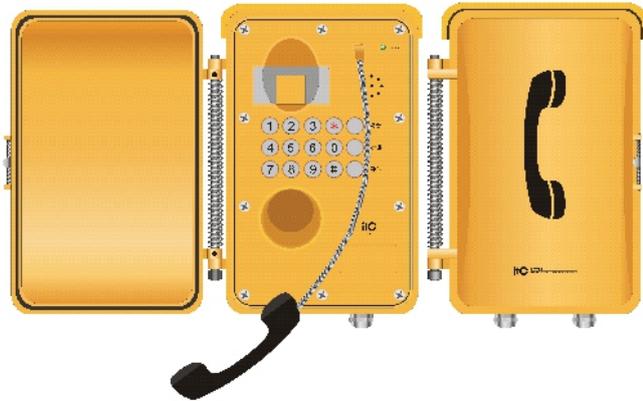
Description:

Professional IP network intercom terminal with dial-up is suitable for intercom communication in extreme harsh environment such as power plant, dam, steel plant, coal plant and mine, 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.
* 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.
* 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.
* 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 to meet the demand of outdoor solar battery 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
Anti-hazard classification	Ex d ib II BT6 Gb
Size	320×205×120mm
Weight	5.5Kg