# IP Network Intercom Terminal

## T-6703

### Embedded software: digital IP network terminal embedded software V2.0



## Descriptions

It is suitable for both indoor and outdoor environment, with professional security protection level standard design. Users can initiate an intercom call to the duty room with one key.

## Features

* Simple, graceful, use the anti-tamper screw design, high strength panel of 6 mm anti-oxidation alloy, matched with aluminum mounting box to support with both embedded mount installation or surface mount installation.
* With embedded PC technology and DSP audio processing technology, using high-speed industrial-grade chips to ensure start time less than 1 second.
* Built-in single network hardware audio decoding module, support TCP/IP, UDP, IGMP (Multicast) protocol, transmit 16-bit audio signal as same as CD quality through network transmission.
* Built-in voice intercom call module, support full-duplex voice intercom and conversation, with high performance DSP sound processing technology, support digital echo elimination and audio compression.
* Built-in 3W high-fidelity full frequency speaker to ensure the voice clear and loud, built-in 10W digital rated impedance amplifier to connect with 10W rated impedance speaker.
* Come with 1 line output for connecting active speakers.
* Built-in high sensitivity microphone, support hands-free calls and customized answer way to achieve large range of sound acquisition and high sound reduction degree.
* Built-in monitor function, support management of recording, built-in auxiliary audio IO, can be integrated with surveillance system seamlessly.
* Built-in security guards' night patrol and sign in data collection function.
* Built-in access state return, access control, fire alarm control, camera tracking and other security functions.
* Support customize call target, support one-key call and one-key help.
* Support multiple call strategy, including call waiting, call forwarding, and unanswered reminder.
* Support customize the time setting of call forwarding, no one answered, call waiting.
* Support for manual and automatic call forwarding, can set the forwarding phone number.
* Support for preset shortcut key to broadcast the audio program in the media library, and support for network remote broadcast of the audio program.
* Support customize hang up mode, optional active or passive hang-up mode.
* Support PSTN phone broadcast and text broadcast.
* Support WIFI on demand and on demand of wireless remote control.
* Protection grade is IP55, adopt alloy material and anti-dismantle screw.
* Support DHCP, compatible with any network structure such as routers, switches, bridge gateways, Modem, Internet, 2G, 3G, 4G, multicast, unicast, etc.
* Support at least three high security authorization IP configuration scheme, safety level is much higher than the remote configuration scheme such as Web.
* Authorization operation management functions, support the server configuring and managing the user and password.
* Support play function work normally and smoothly during digital audio breakpoint to ensure Broadcast synchronization.
* Support prompt function of new configuration intelligent voice reminder.
* Support ESD protection. Built-in network isolation anti-thunder processing circuit.
* Digital products, easy to expand, not limited by geographical location, no need to increase equipment room management equipment, adopting the simple installation of common network and free line construction.

## Specifications:

| | |
|---|---|
| **Network Interface** | Standard RJ45 input |
| **Communication Protocol** | TCP/IP, UDP, IGMP (multicast) |
| **Audio Format** | MP3 |
| **Sampling Rate** | 8kHz~48kHz |
| **Transmission Speed** | 100Mbps |
| **Audio Mode** | 16-bit CD sound quality |
| **Output Frequency** | 80Hz~16kHz |
| **THD** | ≤1% |
| **SNR** | >70dB |
| **Built-in Speaker Impedance & Power** | 8Ω/3W |
| **External Speaker Impedance & Power** | 4Ω/10W industrial standard  connecting terminals |
| **LINE OUT output level** | 1V |
| **Temperature** | -20℃~60℃ |
| **Humidity** | 20%~80% relative humidity, no condensation |
| **Power Consumption** | ≤20W |
| **Input Power Supply** | ~190-240V 50/60Hz (power adapter); DC24V/2A |
| **Protection Level** | IP55 |
| **Dimension** | 210 x105 x56mm |
| **Weight** | 0.6Kg |