



## SA-7029 One-Key Emergency Intercom Terminal



### Features:

1. All metal shell, anti-riot, waterproof, moisture-proof, can be fixed on the vertical pole, with warning lights, 24-hour warning reminder;
2. The equipment is designed with embedded computer technology and DSP audio processing technology; A high-speed industrial chip is adopted, and the starting time is less than 1 second;
3. The product integrates IP broadcasting, one-key help intercom, monitoring, power amplifier and other modules;
4. It has the functions of one-key emergency help, network real-time timing play, real-time monitoring, network online upgrade, etc.
5. Support optical fiber communication, short circuit input and output interface response;
6. It has a 30 W power amplifier output port, which can be connected to an 8 ohm 30 W speaker
7. Built-in intercom microphone and speaker, one-key to call
8. One-key emergency, help intercom, network real-time, timing broadcast, real-time monitoring, alarm linkage short-circuit input and output
9. Protocols and ports can be opened for linkage control with the video monitoring system to achieve unified switching of audio and video.
10. Mainly used in two-way intercom, emergency help, voice broadcasting, such as transportation, finance, safe city, smart community and other fields;



### Technical parameters:

Power source	AC 110/115/120/220/230/240V,50-60Hz
Network communication protocol	TCP/UDP/ARP/ICMP/IGMP/SIP
Network transmission rate	100M
Audio coding	PCM/ADPCM/G711
Recording sampling rate	8K~48KHz
Playback sample rate	8K~48KHz
Intercom sampling rate	16KHz
Audio bit rate	8K ~ 320Kbps (talkback $\cong$ 64Kbps)
Signal-to-noise ratio/frequency response	> 65dB/200Hz ~ 5000Hz (intercom), > 80dB/100Hz ~ 16KHz (broadcast)
Nonlinear distortion	$\leq$ 1% (1KHz, -10dB)
Ambient noise reduction	Call definition $\geq$ 95% under ambient noise of 110 dB;
Grounding resistance	$\leq$ 10 $\Omega$ ;
Talkback delay	< 100mS;
Operating temperature	-20 $^{\circ}$ C ~ +60 $^{\circ}$ C
Storage temperature	10%~90%
IP protection class	IP65
Dimension (mm)	250 (H) $\times$ 290 (W) $\times$ 86 (D) (excluding size of warning lamp and waterproof connector)