TCM-PM2211SA

7" LCD Network Paging Call Station

SIP | MULTICAST | 7" TOUCH



DESCRIPTION

The TCM-PM2211SA is a 7" LCD Network Paging Call Station designed as a professional SIP-based intercom host. It acts as the command center for IP-based communication systems, allowing for seamless paging, intercom, and emergency alarm management.

Built with a high-speed industrial-grade chip, this paging station offers a rapid startup time of less than 1 second. It combines a user-friendly touch interface with professional audio processing, making it an essential tool for control rooms and security centers. Whether you are managing classrooms, hospitals, or parking lots, the TCM-PM2211SA provides crystal-clear two-way communication and easy zone control.

KEY FEATURES

- **Intuitive Control:** 7-inch high-resolution touch screen makes navigating zones and managing intercoms simple and quick.
- **Stand-alone Functionality:** offline talkback without a server, with direct point-to-point intercom and multicast.
- **SIP Compatibility:** fully compatible with standard SIP, integrating seamlessly into existing VoIP and IP-PBX systems.
- **Rapid Response:** high-speed industrial chip for instant startup (under 1 s), always ready during emergencies.
- **Direct Media Playback:** plug a USB drive or SD card into the station to play background music or pre-recorded emergency announcements to designated zones.
- **Full-Duplex Intercom:** advanced echo suppression for clear, high-quality two-way communication.

TECHNICAL SPECIFICATIONS

Model	TCM-PM2211SA
Network Protocol	SIP, UDP, Multicast
Network Interface	10/100Base-TX, RJ45
Sampling Rate	8 kHz – 32 kHz, 16-bit
Decoding	MP3, ADPCM
Microphone Frequency	70 Hz – 12.5 kHz
Display	7" Touch Screen
Power Supply	DC 12 V, 2 A
Operating Temp.	0 °C – 65 °C
Dimensions (L × W × H)	245 × 140 × 48 mm

INDUSTRIAL APPLICATIONS

Ideal for environments requiring real-time monitoring and paging:

- **Security Control Centers:** primary host for bank, interrogation room, or parking lot intercom systems.
- **Healthcare Facilities:** two-way communication between nursing stations and patient rooms.
- **Education:** paging and emergency alerts across school campuses and classrooms.
- **Industrial & Commercial:** a centralized station to trigger alarms, monitor areas, or make live announcements.

AUDIO & I/O

- **DSP:** digital signal processor for clean, clear audio
- **Noise Cancelling:** reduces background noise on the mic
- **Alarm I/O:** input / output for external alarm triggers
- **3 W Speaker:** built-in speaker for monitoring & talkback

Features and specifications are subject to change without notice.