

PAS-NPS103V | Network Audio-Video Paging Station with 7" Touch Screen



Key features

- 7-inch capacitive touch screen with 800×1280 resolution and integrated 2 MP HD camera with physical privacy protection.
- Full-duplex, hands-free audio intercom with built-in digital audio processor
- Supports file, pre-recorded, and TTS broadcasting to specific zones or terminals, with customizable ringtones.
- SIP-compatible for integration with SIP PBX systems; supports initiating/receiving offline calls and three-way intercom.
- Online terminal status monitoring with call recording, tracking, and querying;
- Relay I/O for door release, strobe light, buzzer, and emergency button.
- Desktop mounting with aluminium alloy front panel and ABS housing.

Product Overview

PAS-NPS103V is a Network Audio-Video Paging Station designed for visual intercom, paging, and control over TCP/IP, SIP, UDP and related protocols, combining high stability and low failure rate with digital signal transmission and intelligent control. It features a 7-inch high-definition capacitive touch screen, a 2 MP HD digital camera with physical privacy protection, and a built-in digital audio processor enabling full-duplex, hands-free communication. Broadcasting capabilities include file, pre-recorded, and TTS to specific zones or terminals, with customizable ringtones for calls and broadcasts. The device supports SIP integration with mainstream PBX systems, three-way intercom, offline calling, and online monitoring, along with recording and call management functions. Flexible I/O and ports support external audio sources, active speakers or amplifiers, strobe lights, buzzers, emergency buttons, and remote door release in multi-party scenarios. Configuration is via Web Interface or Config Tool, and the unit is desktop-mounted with aluminium alloy front panel and ABS housing, suited for dry indoor locations.

Technical Specification

Features	Detail
Display	7-inch high-definition capacitive touch screen with 800×1280 resolution
Audio processing	Built-in digital audio processor for full duplex and hands-free audio intercom
Camera	Integrated 2 MP HD digital camera with physical privacy protection
Intercom modes	Three-Way Intercom; visual, intercom, paging and control operations
Broadcasting support	Supports file, pre-recorded, and TTS broadcasting to specific zones or terminals
SIP integration	Compatible with standard SIP protocol for easy integration with mainstream SIP PBX systems (Yeastar, Asterisk, Cisco, etc.)
Offline calling	Enables initiating and receiving offline calls independently of a server
Ringtones	Customizable ringtones for incoming calls and broadcasts
Monitoring	Online monitoring of other terminals' working status
Call management	Features for recording, tracking, and querying incoming and outgoing calls
Power supply	DC12V ,1.5A
Standby power	≤10W
Audio codec	MP3, PCM, ADPCM
Audio sampling & bit rate	8kHz~44.1kHz, 16bit, 8kbps~320kbps
Built-in speaker	1.5W ,4Ω
S/N	>82dB
Frequency response	40Hz-18KHz
Camera pixels	2 million pixels
Video transmission bit rate	512Kbps-4Mbps
Video codec/resolution	VGA/720P/1080P
Network interface	10BASE-T/100BASE-TX RJ45
Network protocols	TCP/IP,UDP,ARP,ICMP,IGMP,HTTP,SIP
Configuration method	Web Interface or Config Tool
USB port	Store the audio/txt file for broadcast
Audio input	To connect with mobile phone or laptop, etc
Audio output	To connect with active speaker or amplifier
Relay input	To connect with emergency button,etc.
Relay output	To connect with strobe light,buzzer, etc

Technical Specification

Features	Detail
Mounting	Desktop
Installation environment	Dry Indoor Locations Only
Operating temperature	0°C~+45°C (32°F~113°F)
Operating humidity	≤90% RH non-condensing
CPU	4-core ARM
RAM	1G
Memory	4G
Front panel material	Aluminium Alloy
Housing material	ABS
Color	Black
Product dimensions	183.9x169.0x58.4mm
Product weight	0.75KG
Accessories	1×Quick Installation Guide; 1×Terminal Blocks(3.55P); 1×Power Adaptor(DC24V/1A); 1×Microphone Rods(IM 320B)
Ports overview	Power Input Port; Network Port; Audio Input Port; Audio Output Port; Relay Input Port; Relay Output Port; USB Port
Certification	CE, ROHS Compliance

Dimension

