NVS-IP100022IC

POE WALL MOUNT INTERCOM TERMINAL

NORDEN®

DESCRIPTION

The NVS-IP100022IC is a PoE wall-mount intercom terminal designed for indoor use, featuring a durable high-grade aluminum panel, IK10 protection, and HD audio. It includes a built-in 3W speaker and microphone for hands-free calling and broadcast reception. The device supports initiating and receiving calls without a server, with offline targets configurable via its web interface. It also allows alarm input/output expansion through an external module and supports cross-network segment and router connectivity via a standard RJ45 Ethernet port.

FEATURES

⦿ 6mm aluminum anti-stab and tamper-proof panel
⦿ Built-in 3W speaker and mic with Hands-free call support
⦿ Line-out for active speaker or earphone
⦿ Relay I/O for access control or alarm link
⦿ Supports offline and one-press calls
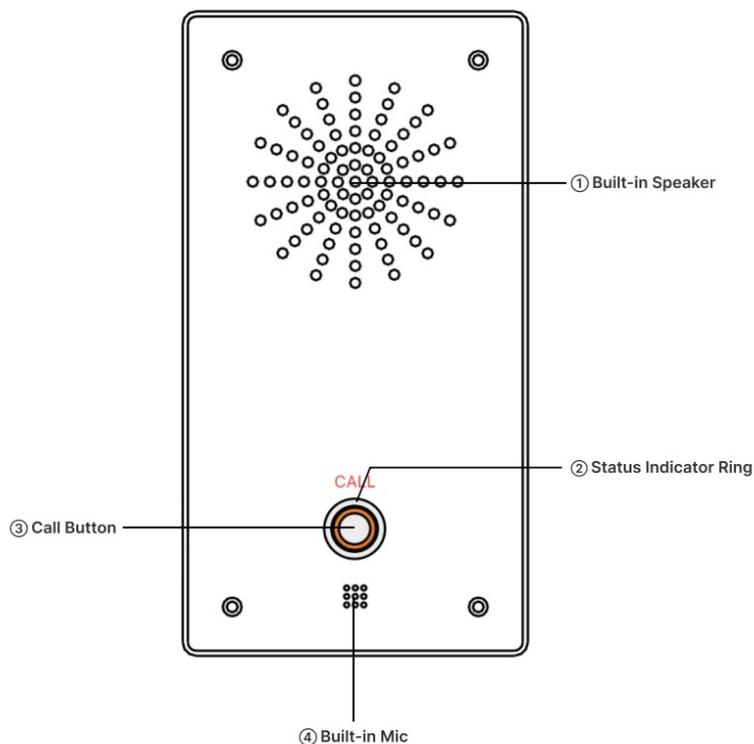⦿ SIP compliant, PoE powered, Remote upgrade enabled

Specifications	
Model	**NVS-IP100022IC**
Power Supply	DC24V/1A, PoE (IEEE802.3at)
Standby Power Consumption	≤3W
Signal to Noise Ratio	Broadcast Speaker: 81dB
	Broadcast Line: 88dB
	Line-in Record out: 82dB
Audio Sampling & Bit Rate	22.05KHz, 16bit, 8kbps~320kbps
Built-in Speaker (Power Output)	3W
Built-in Speaker (Impedance)	8Ω
Built-in Mic	Electret Microphone
Built-in Mic (Sensitivity)	-45dB±3dB
Built-in Mic (Directivity)	Omnidirectional

Version 2.1

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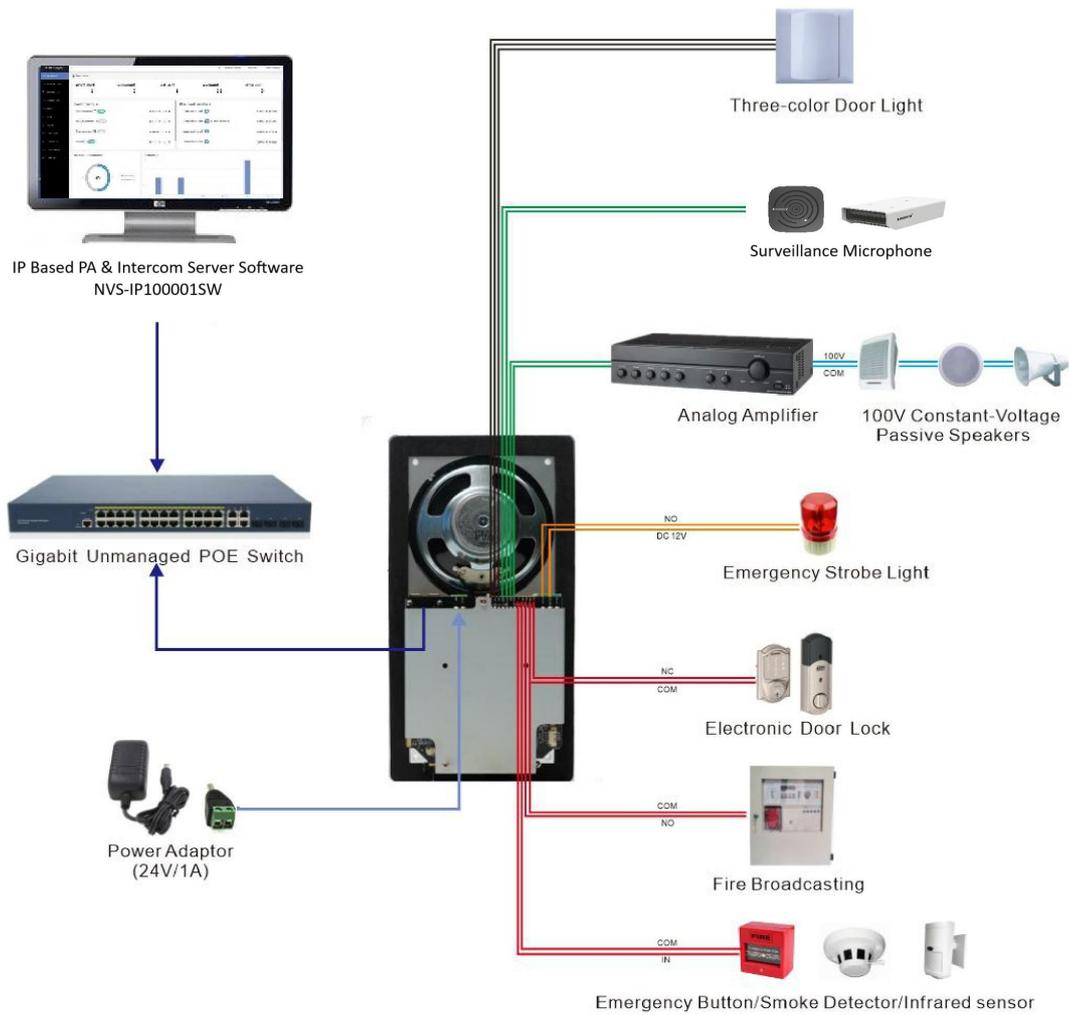
Harmonic Distortion	<1%
Frequency Response	40Hz~10KHz (WAV)
	50Hz~20KHz (MP3)
Network Interface	10BASE-T/100BASE-TX RJ45
Network protocol	TCP/IP, UDP, ARP, ICMP, IGMP, SIP, HTTP, FTP
Configuartion Method	Web Interface
Mounting Method	Wall Mounted
Installation Environment	Dry Indoor Locations
Operating Temperature	-20℃~+60℃ (-4℉~140℉)
Operating Humidity	25%~90%(RH non-condensing)
Body Material	Aluminium Alloy
Colour	Silver
Back Shell Material	Steel
Product Dimension	101x191x46 mm
Product Weight	0.95 Kg

FRONT PANEL

① Built-in Speaker
② Status Indicator Ring
③ Call Button
④ Built-in Mic

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CONNECTION DIAGRAM

IP Based PA & Intercom Server Software
NVS-IP100001SW

Gigabit Unmanaged POE Switch

Power Adaptor
(24V/1A)

Three-color Door Light

Surveillance Microphone

Analog Amplifier

100V Constant-Voltage
Passive Speakers

Emergency Strobe Light

Electronic Door Lock

Fire Broadcasting

Emergency Button/Smoke Detector/Infrared sensor

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Input Connection

② Power Interface

① Network Interface

③

④ Controlled power output interface
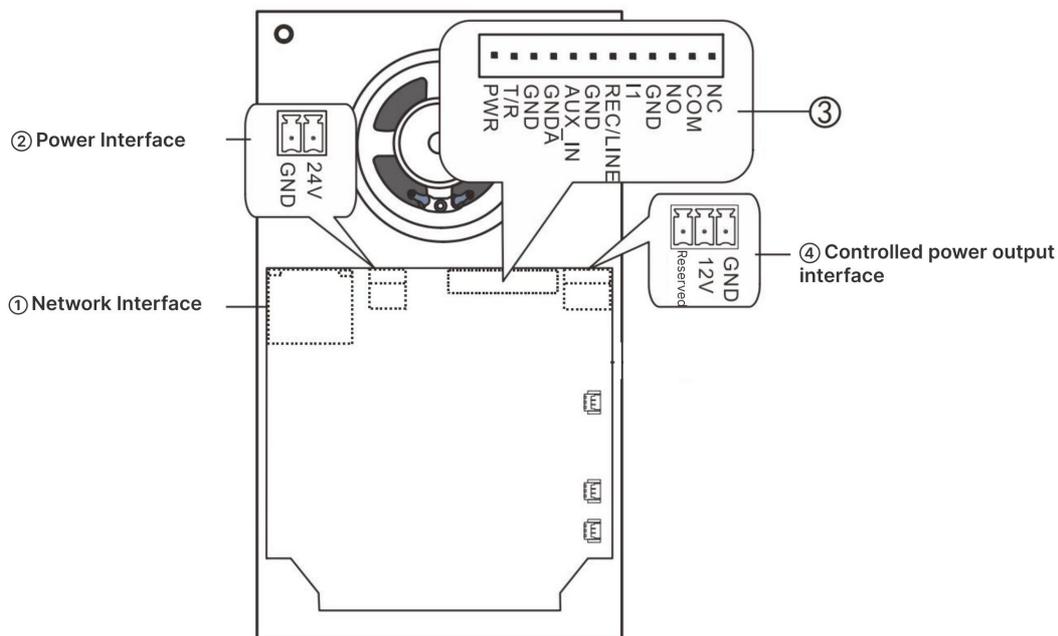
③ Comrehensive Interface

Signal	Description
NC, COM, NO	Alarm output（NC:normally closed,COM:COM,NO:normally open）
GND, I1	Alarm input 1（GND:Ground,L1:alarm input1）
REC/LINE, GND	Record out/line out interface(REC/LINE:Signal,GND:ground)
AUX_IN, GNDA	Line in interface(AUX_IN:Signal,GNDA:Analog ground)
GND, T/R, PWR	Three-color door light interface(GND:Ground,T/R:Signal,PWR:Power)

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DIMENSION

Unit mm
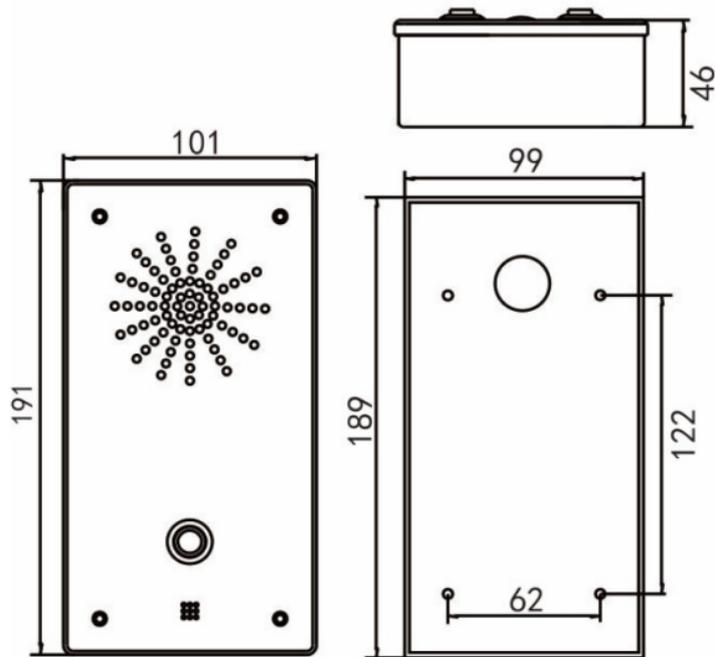
ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-IP100022IC	POE WALL MOUNT INTERCOM TERMINAL	01

ACCESSORIES INFORMATION

Description	Standard Quantity
Power Adaptor (24V/1A)	01
User Manual	01