XC-9031NV IP PoE Video Intercom Master Station





10.2 Inch | 1300W Camera | SIP | POE

INTRODUCTION

SPON IP PoE Video Intercom Master Station XC-9031NV is a professional network video intercom and paging terminal designed for desktop installation. It integrates a 10.2-inch capacitive touchscreen, 13MP HD camera, gooseneck microphone, built-in speaker, and multiple audio/video interfaces, making it suitable for indoor applications such as duty rooms, control centers, command centers, schools, hospitals, campuses, and office receptions. Supporting standard SIP protocol, it can integrate with mainstream VoIP / IP-PBX systems while providing two-way video intercom, zone paging, emergency broadcasting, audio/video linkage, and terminal management functions to meet modern network audio and video communication requirements.

MAIN FEATURES

- **HD Touchscreen Display:** Features a 10.2-inch capacitive touchscreen with 1280 × 800 resolution for clear display and intuitive operation, improving daily communication and control efficiency.
- **HD Video Intercom:** Built with a 13MP HD camera using a 1/2.9" color CMOS sensor, supporting H.264 video encoding and VGA / 720P / 1080P video resolutions for high-quality video intercom applications.
- **SIP Paging and Intercom:** Supports standard SIP protocol for integration with mainstream VoIP / IP-PBX systems, meeting the needs of two-way audio/video intercom, zone paging, and emergency broadcasting.
- **Rich Interface Expansion:** Provides control input, control output, line input, line output, HDMI output, USB interface, and dual LAN ports for flexible integration and external device linkage.
- **Desktop Design for Indoor Use:** Adopts a desktop form factor for fixed indoor installations. With both PoE and DC power options, it offers greater deployment flexibility.

PARAMETERS:

Network Interface	10BASE-T / 100BASE-TX, RJ45
PoE	IEEE 802.3af
Power Input	DC 12V / 3.3A
Network Protocols	TCP/IP, UDP, ARP, ICMP, IGMP, SIP, HTTP, RTP
Configuration	Web Interface or DevConfig Tool
Audio Codec	MP3, G.711a, G.711u
Audio Sampling Rate	WAV, MP3
Audio Sampling Rate	8kHz to 48kHz
Audio Bit Depth	16bit / 32bit
Audio Bit Rate	8kbps to 320kbps
SNR	⩾85dB
Video Codec	H.264
Video Resolution	VGA / 720P / 1080P
Camera Sensor	1/2.9" Color CMOS
Camera Resolution	13 Megapixels
Field of View (FOV)	65° Horizontal, 50° Vertical
Emergency Broadcast Key	1
Other Keys	Volume Control Key, Mute Key
Control Input	1
Control Output	1
Line Input	1
Line Output	1
HDMI Output	1
USB Port	2
LAN Port	2
Speaker Unit	2" Full-Range Speaker
Speaker Sensitivity	86 dB
Speaker Frequency Response	150 Hz to 20kHz
Gooseneck Microphone Sensitivity	-42dB ±3dB
Gooseneck Microphone Frequency Response	50 Hz to 18kHz
Display Size	10.2 inches
Display Resolution	1280 × 800
Touch Type	Capacitive Touchscreen
Mounting Method	Desktop

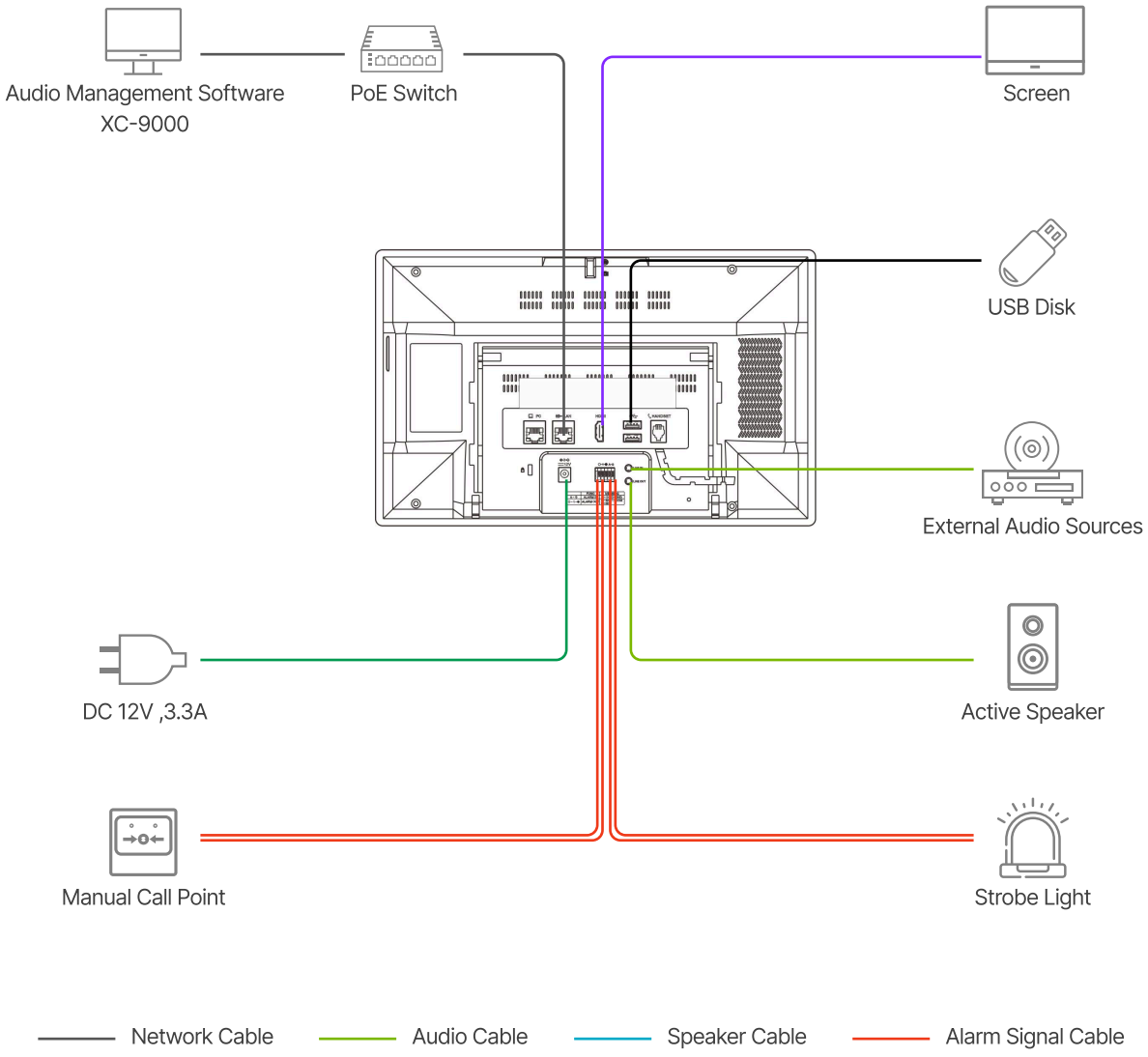
PARAMETERS:

Installation Environment	Indoor
Housing Material	Plastic
Color	Black
Operating Temperature	-10°C to +50°C
Operating Humidity	≤90% RH, non-condensing
Dimensions	337 × 211 × 32.7 mm
Packed Dimensions	385 × 330 × 75 mm
Net Weight	1.5 kg
Warranty	2 Years

ACCESSORIES:

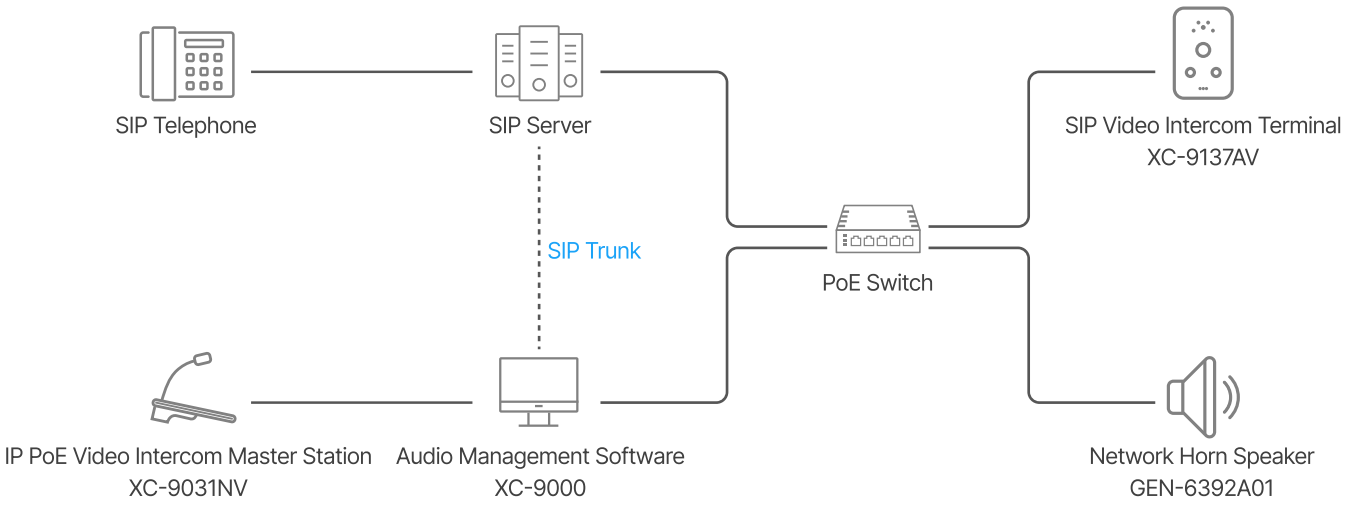
ACCESSORIES	1 × Curly Telephone Cable with Two 4P4C Modular Plugs 1 × Handset 1 × Microphone Pole (IM-250) 1 × Power Adapter (DC 12 V / 3.3 A) 1 × Bracket Set (Optional)

CONNECTION DIAGRAM



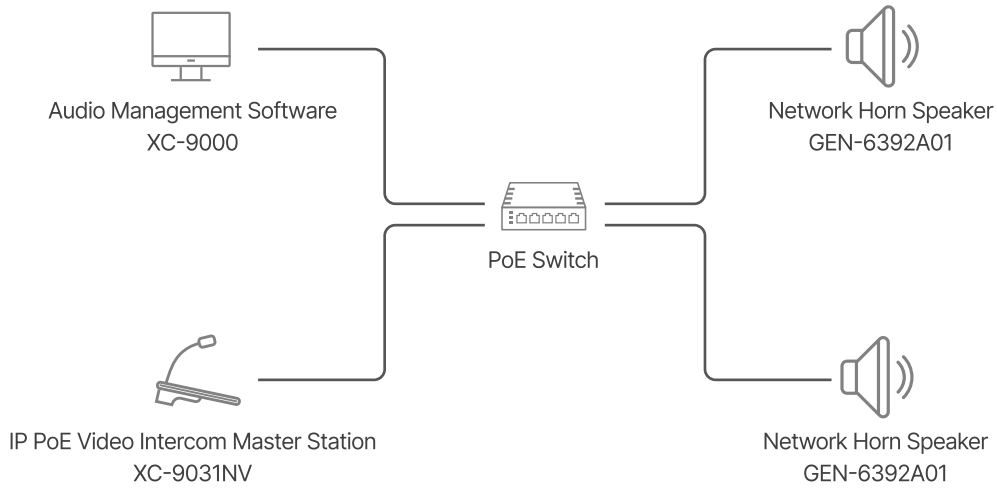
APPLICATION 1

The XC-9031NV IP PoE Video Intercom Master Station supports both initiating and receiving audio and video intercom with third-party VoIP phones（SIP Trunk） and SIP video intercom terminals. It also enables live broadcasting to network speakers.



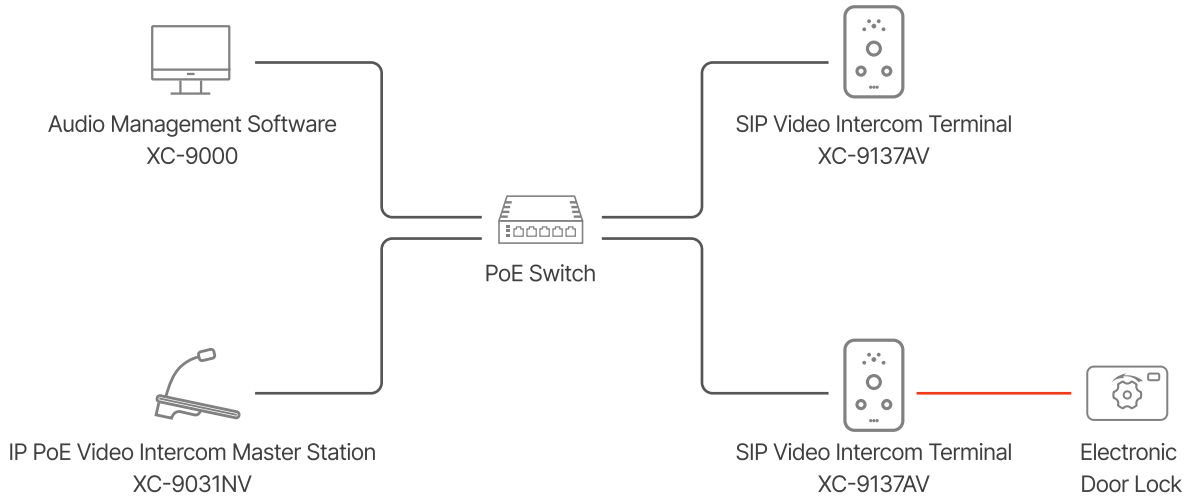
APPLICATION 2

The XC-9031NV IP PoE Video Intercom Master Station supports file-based broadcasting, pre-recorded audio broadcasting, and text-to-speech (TTS) broadcasting to designated zones or across all zones.

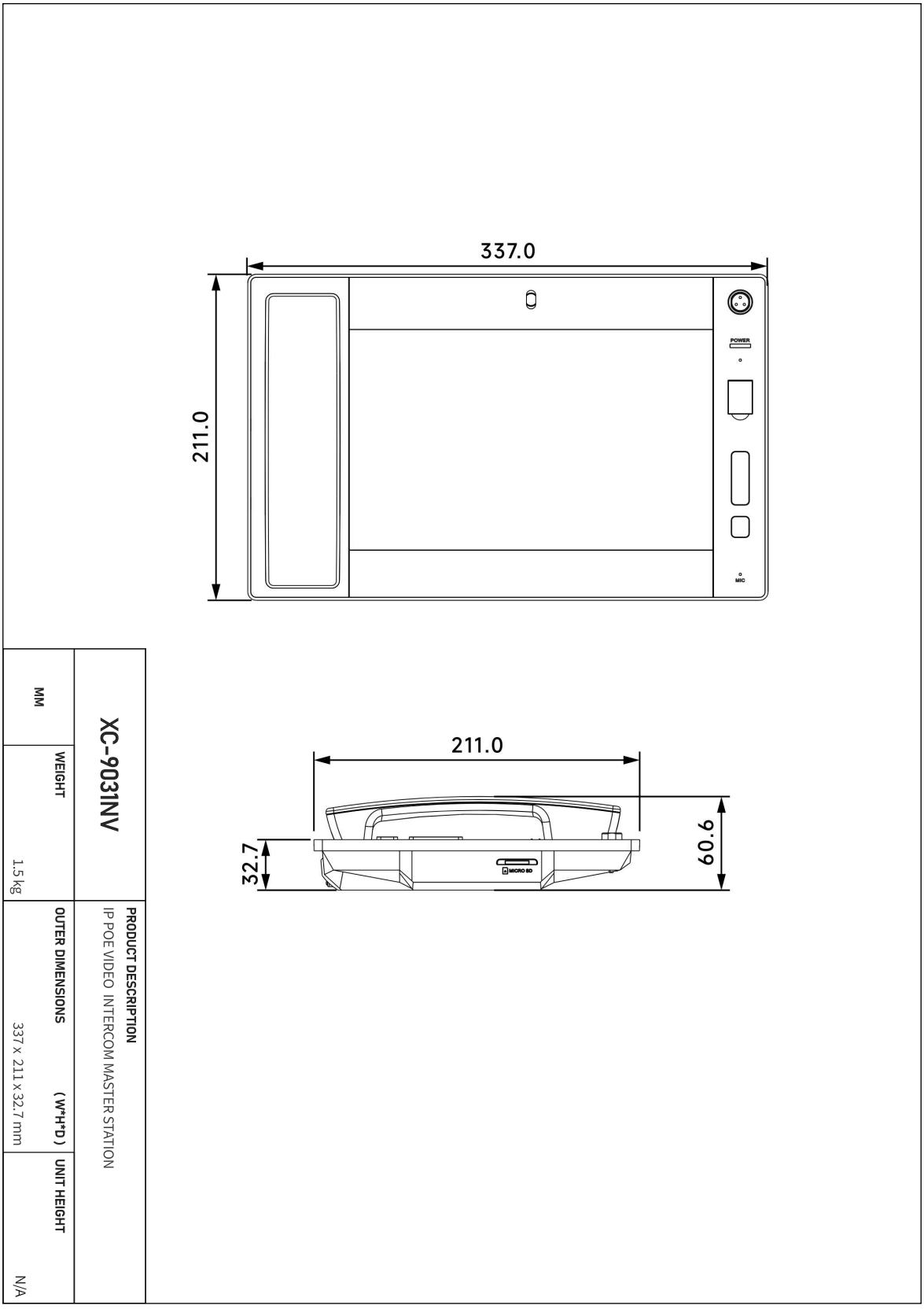


APPLICATION 3

The XC-9031NV IP PoE Video Intercom Master Station supports multi-party calling and remote door release, offering simple configuration and user-friendly operation.



DIMENSION



XC-9031NV				
PRODUCT DESCRIPTION	OUTER DIMENSIONS (W*H*D)	WEIGHT	UNIT HEIGHT	MM
IP POE VIDEO INTERCOM MASTER STATION	337 x 211 x 32.7 mm	1.5 kg	N/A	