

SPON

Innovate For Security



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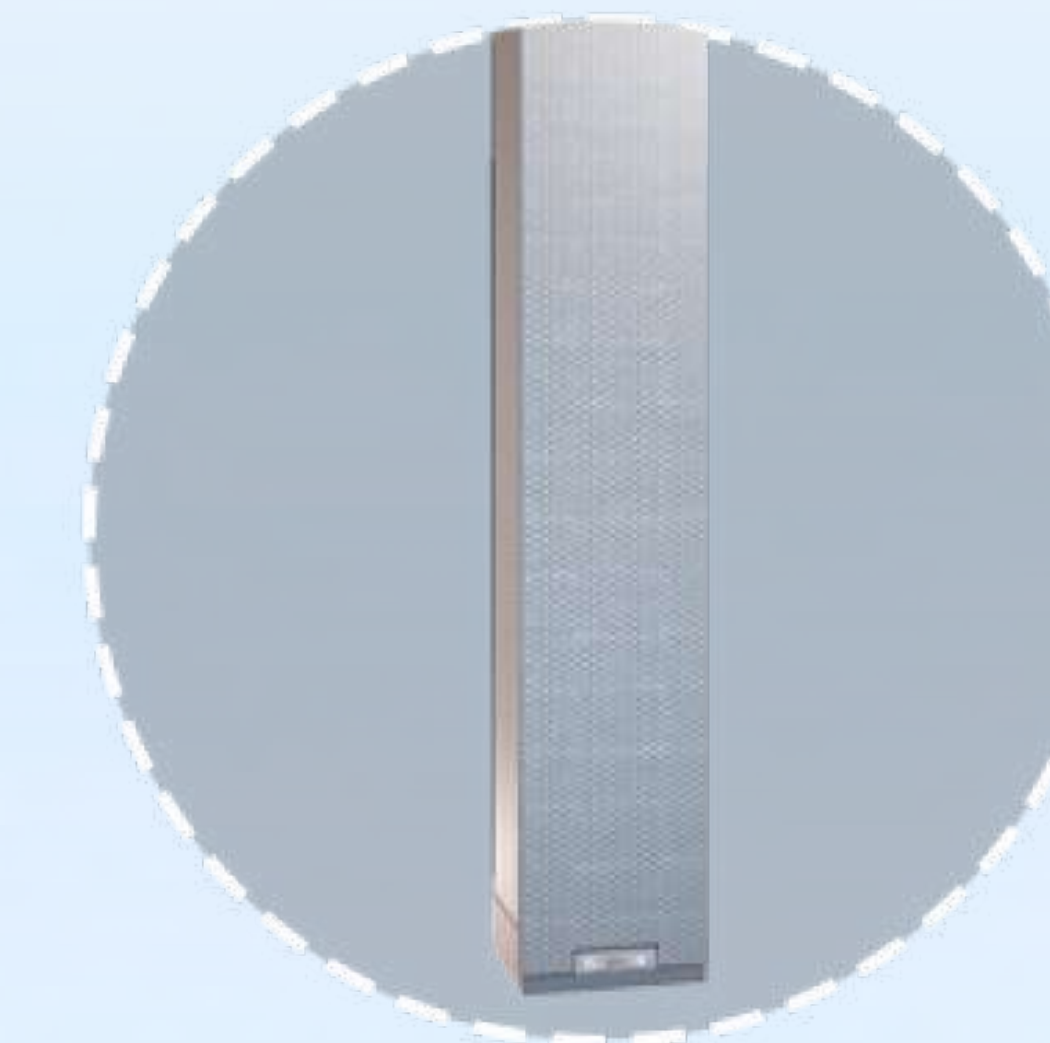
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SPON

Smart Street Lamp/ Security Pole Solution



Security
Pole



Improve Urban Emergency
Response Capacity



Emergency Plan, Multi-Effect
Linkage

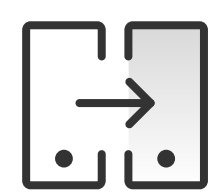


Multi-System Integration,
Command Communication

Security Poles With SPON Audio IOT Reduce Event Risks.

Crimes and accidents commonly occur on busy streets and in bustling areas. While police handle most city problems, they can't always provide immediate help due to time and space constraints. Therefore, CCTV and audio devices can assist people in avoiding danger or getting help before and after incidents occur.

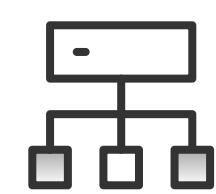
SPON's audio tech strengthens safety in busy cities, filling gaps in immediate police coverage.



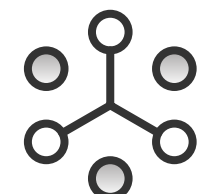
Boosting Urban Management



Emergency Response



Integrated Communication Systems



Coordinated Emergency Strategies.

▲ FUNCTION

-Background Music Improves citizen well-being.

-Smart Audio for Emergencies, Combines video analytics for automated audio response, enhancing city safety.

-Preventive Remote Deterrence, Controls situations and deters crime before it happens.



-Versatile Broadcasting, Handles emergency announcements, music, and alerts. Operable even without an IP network.

-One-Touch Emergency, Quick access to assistance with real-time surveillance capabilities by intercom station.

-Customizable Interfaces, integrates with third-party systems for efficient communication.

-Surveillance Link-Up, IP Horn Speakers connect with surveillance systems for coordinated alerts and broadcasts.

-Easy Installation And Control, Simple setup and network-based device management for flexible operation.



System Deployment Overview

Network Surveillance Mic
TS-929E

Network Horn Speaker
XC-9615



Network Intercom Station
XC-9137AV

INSIDE

- Monitoring Center
- Police Station

OUTSIDE

CCTV



Network Surveillance Mic



Network Horn Speaker



Network Intercom Station



Network Intercom Master Station

LAN

Security Poles Ensure Intervention: Pre, During, And Post-Event.



▲ 1. Record evidence after a incident

When CCTV monitors an area, video alone may not suffice for safety. Integrating surveillance microphones with CCTV enhances security by capturing real-time sounds. These microphones can detect keywords and unusual sounds, triggering alerts on the surveillance platform. In case of an alert, the system records 30 seconds of video and audio both before and after the incident for evidence.

▲ 2. Seeking Help During A Incident.

In emergencies, people can press the One-Touch emergency button on the SIP intercom station to quickly reach security or police. Full-duplex communication ensures seamless, real-time conversation for faster assistance. Additionally, its 2M Pixel Camera provides a clear view of the scene, enabling video communication for easy identification of any suspicious individuals.



▲ 3. Prevent emergencies caused by suspicious individuals

(1) If CCTV spots suspicious behavior, security operators can quickly page specific areas using the SPON paging console or SIP telephone , directing alerts to relevant security poles or smart lamps. They can then broadcast voice warnings through speakers to deter potential criminal activity.

(2) If a vehicle is parked in a restricted area and detected by CCTV, it triggers an alarm signal to the SPON Audio Management Software. The system then automatically activates a preset task, broadcasting a voice announcement to the vehicle's owner through the speakers.

NETWORK VIDEO INTERCOM MASTER STATION XC-9037NV



▲ TECHNICAL PARAMETERS

Power Supply	DC 12V/1.5A
Camera	2MP
Video Codec	VGA/720/1080
S/N (Signal-to-Noise) Ratio	≥82dB
Audio Sampling & Bit Rate	8kHz-44.1kHz, 16bit, 8kbps-320kbps
Frequency Response	40Hz-18kHz
Network Protocol	SIP (RFC 3261), HTTP, TCP/IP, UDP, ARP, ICMP, IGMP
Configuration Method	Local Settings/Web Page
Mounting Method	Desktop
Interface	1×RJ45 Ethernet Port, 1×USB 2.0, 1×Line Input, 1×Line Output, 1×Relay Input, 1×Relay Output

▲ KEY FEATURES

INTERACTIVE DISPLAY AND CAMERA FEATURES

- **7-Inch Touchscreen:** User-Friendly Interface For Easy Interaction.
- **200W HD Camera:** Equipped With Physical Privacy Protection.

COMMUNICATION TECHNOLOGIES

- **Full-Duplex Visual Intercom:** Enables Effective Two-Way Visual Communication.
- **Noise Reduction Algorithm:** Enhances Audio Quality For Clearer Communication.
- **Remote Monitoring Capabilities:** Ability To Check The Status Of The Terminals, Including Login And Intercom Status.

BROADCASTING AND CUSTOMIZATION

- **Flexible Broadcasting Options:** Supports Broadcasts To All Areas, Specific Zones, Or Individual Terminals.
- **Multiple Broadcast Formats:** Including Audio Files, Pre-Recorded Messages, And TTS Options.
- **Emergency Broadcast System:** One-Touch PA Across All Terminals.
- **Customizable Ring Tones:** Personalize Ringtones For Calls And Broadcasts.

NETWORK HORN SPEAKER XC-9615

▲ TECHNICAL PARAMETERS

Power Supply	DC 24V/2.7A or PoE (IEEE802.3af)
Power Consumption	≤65W
Rated Power Output	30W(at DC 24V/2.7A powered) 22W (at PoE+ powered) 15W (at PoE powered)
Network Protocol	SIP 2.0 (RFC 3261), FTP, HTTP, TCP/IP, UDP, ARP, ICMP, IGMP
Maximum SPL	97dB±3dB
S/N (Signal-to-Noise) Ratio	≥80dB
Audio Encoding	MP3/PCM/ADPCM/G711.a/G711.u/G729
Frequency Response	100Hz-18kHz
Interface	1×RJ45 Ethernet Port, 1×Power Input
IP Rating	IP65



▲ KEY FEATURES

CONNECTIVITY & SYSTEM INTEGRATION

- - **Multicast Addresses:** 10 Multicast Addresses For Paging From SIP Phones.
- - **Server Efficiency:** Multicast Scalability Saves SIP Account Resources.
- - **SIP Compatibility:** Standard SIP Protocol For Easy Integration With Yeastar, Asterisk, Cisco.
- - **Onvif Compatibility:** Onvif Protocol Compatible For Third-Party Monitoring System Integration.

AUDIO MANAGEMENT & NETWORK FUNCTIONALITY

- - **Content Management:** Manages Background Music, Emergency Pages, And Alarms From SPON.
- - **Adaptive Volume:** Dynamic Volume Control Adapts To Ambient Noise.
- - **Power Option:** PoE/PoE+ Support For Versatile Installation.
- - **Remote Management:** Remote Management And Online Upgrades.
- - **Two-Way Intercom:** Two-Way Communication With SIP Telephones/Intercoms.

NETWORK SIP INTERCOM STATION XC-9137AV

▲ TECHNICAL PARAMETERS

Power Supply	DC12V/1.5A
Power Consumption	≤4W
Network Protocol	TCP/IP, UDP, ARP, ICMP, IGMP, HTTP
Network Chip Speed	10/100Mbps
Audio Sampling, Bitrate	8kHz-44.1kHz, 16bit, 8kbps-320kbps
Video Transmission Bitrate	512Kbps-4Mbps
Video Encoding	VGA/720/1080
Camera	CMOS
Interfaces	1 RJ45 Ethernet port, 1 alarm input, 1 alarm output, 1 recording output
Operating Temperature, Humidity	-20°C to 60°C, ≤90%RH (non-condensing)



▲ KEY FEATURES

DESIGN & EXTERNAL FEATURES

- -**Durability & Design:** Sturdy, aluminum alloy panel with an IPX5 protection rating.
- -**Embedded Installation:** Can be integrated into walls and columns, maintaining aesthetic appeal.
- - **Camera Features:** Built-in 1080P HD ultra-wide-angle camera with effective low and backlight compensation for full coverage in diverse lighting.
- -**Power Supply:** Supports Power over Ethernet option.

COMPATIBILITY

- -**ONVIF Compatible:** Complies With ONVIF, Connects Directly To Mainstream NVRs For Synchronized Audio-Video Recording For Traceability.
- -**SIP Support:** Compatible With SIP, Can Be Independently Connected To VOIP Phone Systems (Like Asterisk IP-PBX).

SPECIAL FUNCTIONALITY

- -**Offline Intercom Capability:** Supports Offline Intercom (Initiating And Receiving) Without A Server.
- -**Control Features:** Equipped With An Alarm Output For Controlling Warning Lights.

NETWORK SURVEILLANCE MICROPHONE TS-929E

▲ TECHNICAL PARAMETERS

Power Supply	DC:11V-30V, AC:24V; POE IEEE802.3AT/AF
Directionality	Allows for switch between Unidirectional and Omnidirectional
Frequency Response	20HZ-20KHZ
SNR	90dB
Operating Temperature	-20°C ~ +60°C



▲ KEY FEATURES

HARDWARE FEATURE

- **Robust Metal Structure:** Oxidized Aluminum Alloy Shell, Ideal For Outdoor Use With Waterproof And Wind Noise Proof Capabilities.
- **Sensitive Omnidirectional Capacitive Microphone:** Offers Sound Capture With High Sensitivity And Low Noise.
- **Automatic AGC Circuit:** Balances Near And Far Sound Differences For Smoother And More Comfortable Audio.
- **Integrated SMT Audio Processor:** Directly Drives Active Speakers, DVRs, And Network Cameras.

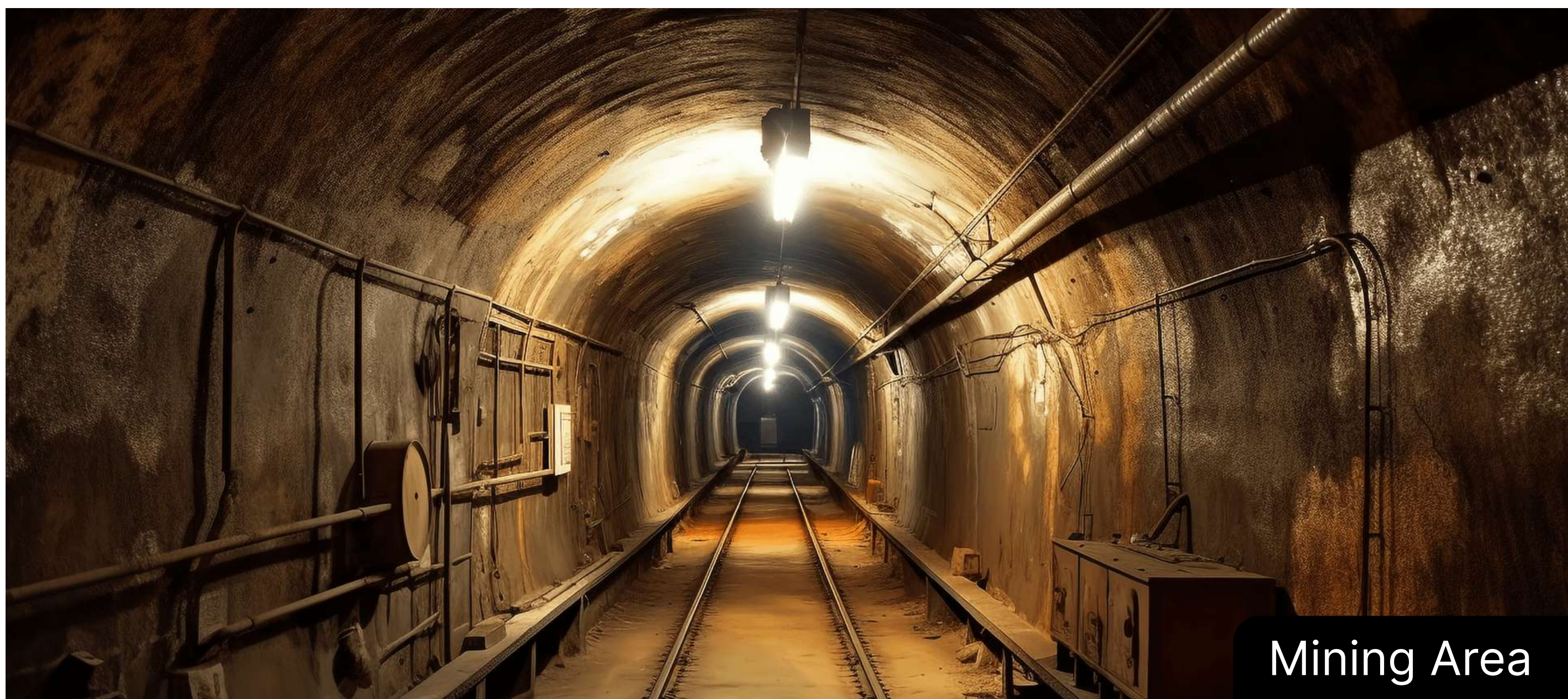
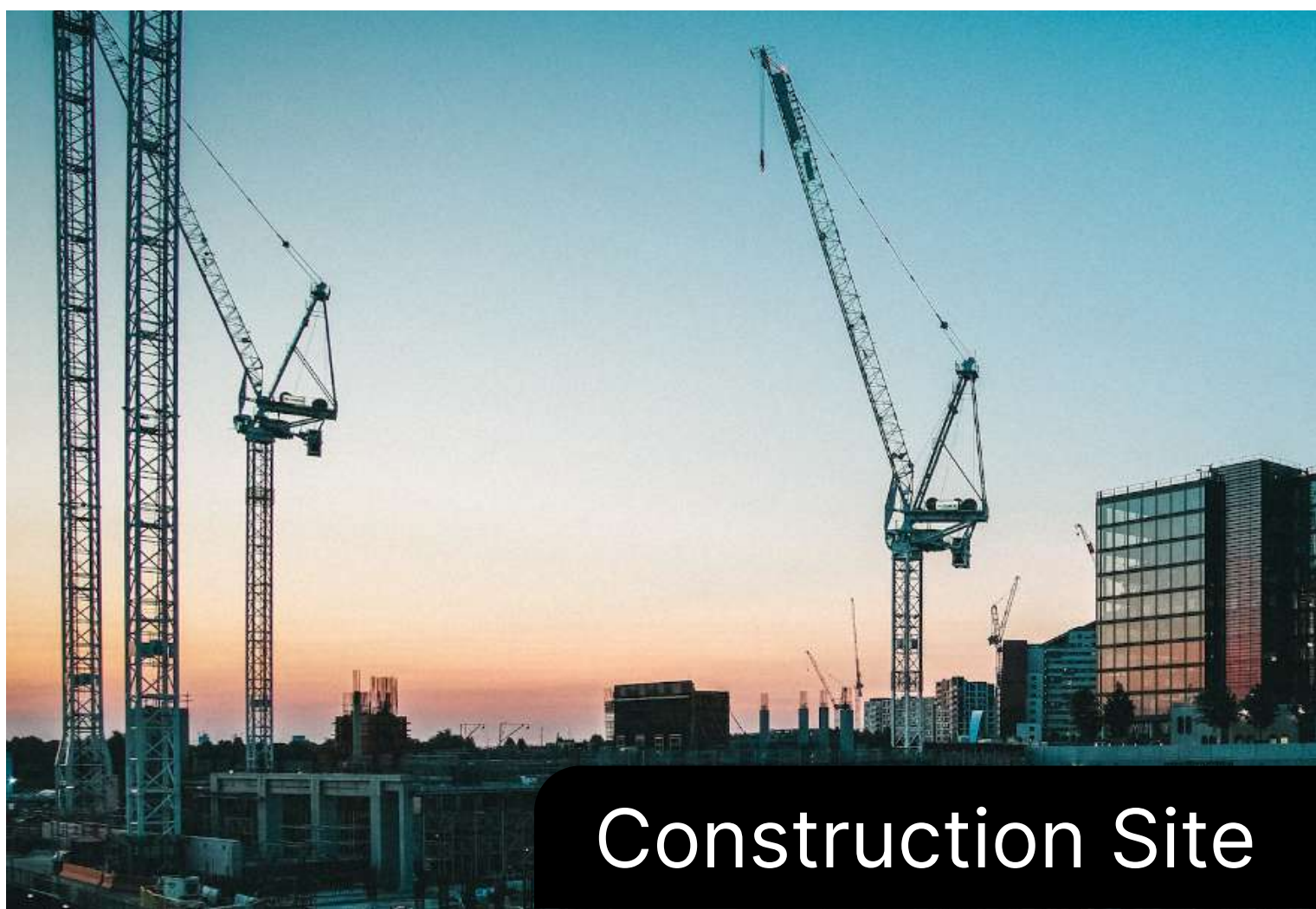
INTELLIGENT FEATURES

- **Dynamic Noise Reduction:** Effectively Lowers Background And Ambient Noise For Clearer Audio.
- **Ultra-Long Sound Capture:** Long Transmission Range With Strong Anti-Interference And Easy Installation.
- **Automatic Volume Adjustment:** Adjusts Volume Based On The On-Site Environment.
- **Voice Alarm Capability:** Detects Specific Keywords Or Abnormal Sounds To Trigger Alarms And Report To The Platform.

COMPATIBILITY FEATURES

- **Versatile Power Supply Options:** Supports Power Adapters, Direct Current, And POE Power Supplies.
- **Audio-Video Synchronization:** Compatible With Specific IPC Models For Synchronized Audio And Video.
- **Web-Based Management:** Allows Configuration, Video Binding, Upgrades Via A Web Page, And Provides Device Status And System Information.

▲ Products Applications



▲ Products Use Case

