

APPLICATION SCENARIOS

Illegal Invasion – School



Set up a virtual fence from Neteork Video Recorder.



There is a stranger who is trying to crawl across the wall...



The IVA camera detects this illegal invasion and sends a warning message to the speaker via NVR automatically.



i-View's NetAud IP audio system prevents the possible crime successfully.

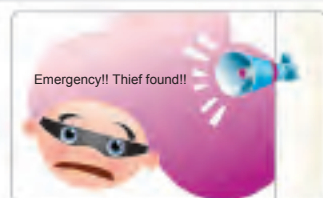
Pilferage



Set up a detection area from NVR for the exhibited product protection.



When a thief is trying to steal the paintings...



The IVA camera detects the object is lost and sends a warning message to the speaker via NVR automatically.



i-View's NetAud IP audio system prevents pilferage behavior successfully.

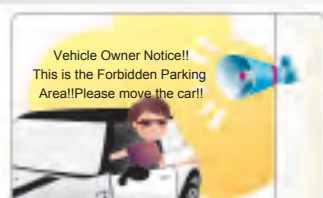
Violative Parking



Set up a virtual NO Parking area from NVR.



The driver parking at the violative space...



The IVA camera detects the violative parking and sends a warning message to the speaker via NVR automatically.



i-View's NetAud IP audio system prevents illegal parking behavior successfully.

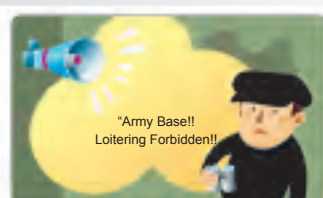
Loitering Detection



Set up a virtual loitering detection area from NVR.



There is a stranger who walks around the virtual loitering detection area for a while...



The IVA camera detects the loitering and sends a warning message to the speaker via NVR automatically.



i-View's NetAud IP audio system prevents the possible crime successfully.

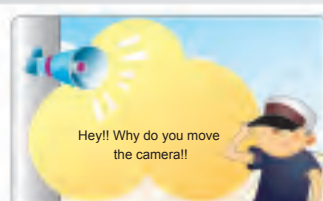
Tamper Camera Viewing in Purpose



Set up tamper detection function from NVR.



The stranger covers (shifts) the view angle of the camera in purpose...

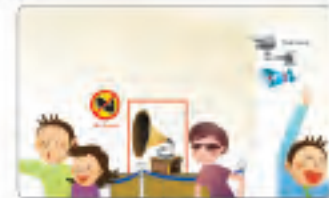


The IVA camera detects the viewing angle of the camera is covered (shifted) and sends a warning message to the speaker via NVR automatically.

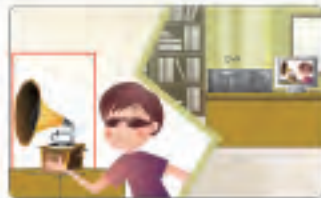


i-View's NetAud IP audio system prevents the possible crime successfully.

Exhibits Protection



Set up a virtual fence from Neteork Video Recorder for exhibition product protection.



The visitor crosses virtual tripwire and tries to touch the exhibited antique.



The IVA camera detects the illegal behavior and announce and sends a warning message to the speaker via NVR automatically.



i-View's NetAud IP audio system prevents the exhibited antique successfully.

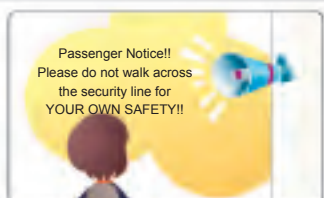
Tripwire – Train Station



Set up virtual tripwire from NVR to protect the safety of passenger.



When the passenger is crossing the virtual tripwire...



The IVA camera detects this dangerous behavior and sends a warning message to the speaker via NVR automatically.



i-View's NetAud IP audio system prevents the possible accident event successfully.

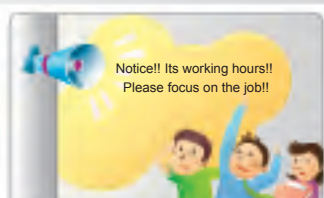
Internet Broadcasting



Employees make fun in the branch office during working hours.



The boss finds out the employees do not focus on the work and send the warning message to staff directly through the Internet.



The employees stop the improper behavior and go back to work after hearing this warning message.



i-View's NetAud IP audio system allowing remote to notify immediately when abnormal behavior or condition is found out.

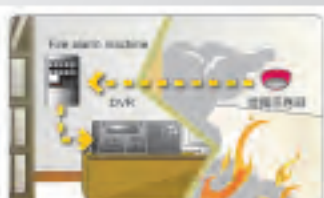
Fire Alarm System Integration



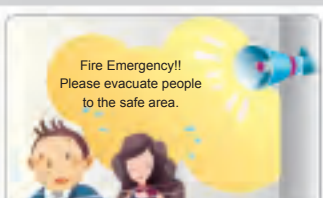
NetAud IP audio system integrates with Fire Alarm System and allows pre-setting the Standard Operating Procedures (SOP) of fire emergency announcements.



When there is a blaze happened...

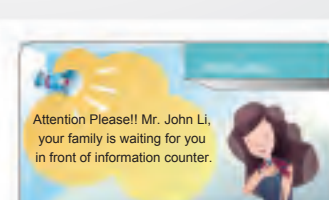


The Fire Alarm System detects the fire information and sends the signal to NetAud IP audio system.



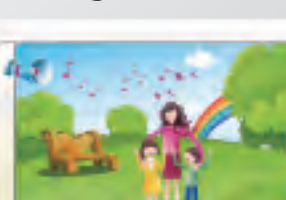
i-View's NetAud IP audio system announces the fire emergency to evacuate people automatically.

Information Broadcasting



Attention Please!! Mr. John Li, your family is waiting for you in front of information counter.

Background Music



Note:

1. Product specifications are subject to change without notice.
2. NetAud® is trademarks © 2019 of i-View Communication Inc.
3. All other trademarks belong to their respective owners.

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NETAUD® IP Audio System

Prevent Possible Crime

FEATURES

- Prevent Possible Crime:** Instantly broadcast events triggered by intelligent video analysis or sensors to prevent the possible crime.
- Easy To Integrate:** Integrate IP audio system with other systems and devices such as your existing PA system, and IP cameras.
- Long Distance:** The transmission distances between the speaker and amplify reached up to 2Km (6,600 Feet).
- Upgrade to IP:** Retrofit existing Public Address installations into IP, delivering full network connectivity and standardized without re-cabling and replace the speaker.
- All in One:** Get a single, cost-effective integrated system for Security, Announcements, Emergency Call and Background Music with everything you need to be built right in.
- Easy To Scale:** Both easy and cost-effective to update your existing system and add units as your needs change, regardless of whether you want to increase the size or add sites.
- Central & Remote Control:** Take control of the entire system, including IP speakers, IP Audio Amplify and Speaker of IP camera, from a single point via a single, intuitive interface.
- Quick Adjustment:** Broadcast different content in different zones via schedule and manual. And easily change from any time anywhere, as needed.
- Flexible Configuration:** Provide Star and Daisy Chain system structure for saving maintain and installation cost.
- Privilege:** Multi privilege levels protection and record all operation on the view log file.

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INTRODUCTION

What Is NetAud® IP Audio System?

For traditional video recorders, it primarily records the criminal activity as evidence. However, i-View's NetAud® IP Audio System can provide the ability to prevent and record possible crimes before an event occurs. The ultimate goal of video surveillance is to prevent crime, not just record criminal activity. Based on this concept, we use intelligent video analytics to observe and filter for possible criminal behavior, automatically play pre-recorded warning voice messages or post announcements of each specific violation to reduce and prevent the possibility of crime. This innovative system will bring safer, faster and more complete protection to people and society. NetAud® Intelligent IP audio systems not only prevent possible crime purposes but also provide a powerful public address, emergency calls, and integrated intelligent video surveillance systems. It has a schedule/Individual/group and background music playback function that can be integrated with the fire alarm system. It can also broadcast and monitor video over the Internet anytime, anywhere. The ability of remote visual broadcasts provides a wide range of applications for different environments.

What Is NetAud® IP Audio System Can Do?



Public address Make live or scheduled announcements in different zones, at the right time and right place from anytime and anywhere.



Background music Create ambiance with easy and flexible scheduling of great-sounding background music, how and where you want to.



Security Improve security on your premises with IVA (Intelligent Video Analysis) event-triggered announcements and direct callouts to prevent possible crime.

SPECIFICATION

The detail specification and model number of Audio Manager Server and Video Analytics IP Camera, please refer to www.i-view.com.tw

Audio Amplifier

Item \ Model	PAC-080USB	PAC-080USB
Communication Port	USB (to PC)	10/100Base-T
Audio Input	Mic: 1mV Tel: 100mV Aux: 100mV	MIC: 50mVp-p @ 500 Ω (RCA)
Audio Output (RMS)	120W, 100V/70V (Selectable) With 8 zones output ports	
Protocol	i-Audio (Private)	TCP/IP, ARP, ICMP, DHCP, UDP, DNS, IGMP
Audio Codec	Audio: 8KHz/PCM; Broadcast: 48KHz/ADPCM	
Audio Bit Rate	None	192 Kbps audio streaming
S/N Ratio	Mic: 65dB or better; Aux: 80dB	68dB
Voice Muting Priority	MIC On: TEL & AUX are not affected	None
Extension	Cascade up to 8 devices	Through LAN Hub
T. H. D.	≤1% @ 1K Hz (1/3 Rated power)	
Frequency Response	50 ~15,000 Hz (±3dB)	
Tone Control	Bass: ±10dB @100 Hz; Treble: ±10 dB @10KHz	
Protection	System auto shutdown when overheat, loading or speaker wire short	
Watchdog	Yes, Watchdog timer support.	
Operation	Temperature -10°C ~50°C; Humidity 20%~80% (non-condensing).	
Dimension/ Weight	426 (W) × 88.9 (H) × 305 (D) mm; Support 19" Rack Mount 9 Kg (23.81 lb)	
Power Consumption	AC115/230V(320W), DC 24V/10A (Backup Battery)	
Accessories	Push & Talk Microphone for Emergency Call	

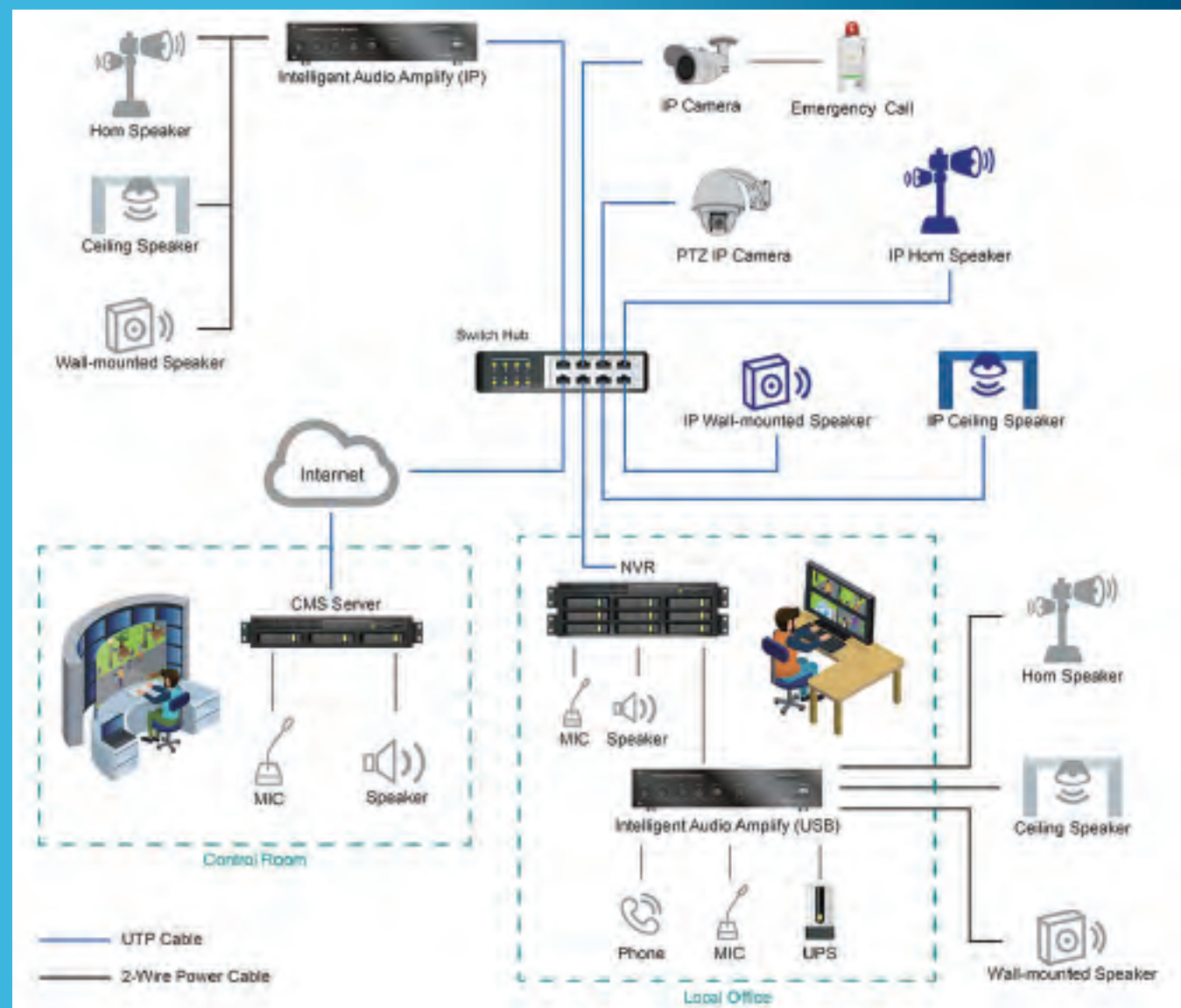
Loudspeakers

Item \ Model	H0-10W/25W	C0-10W/20W	CE-05W/10W	WA-05W/10W
Speaker Type	Horn	Column	Ceiling	Wall
Power Output	10W or 25W	10W or 25W	5W or 10W	5W or 10W
Frequency Response	35Hz~15KHz	150Hz~16KHz	35Hz~15KHz	35Hz~15KHz
Voltage / Impedance	70~100V/8Ω	70~100V/8Ω	70~100V/8Ω	70~100V/8Ω
Sensitivity	98±3dB	93±3dB	98±3dB	98±3dB
Housing Material	Aluminum	Aluminum	Metal	Metal
Waterproof	IP66	IP66	None	None
Dimension	208x200x148mm	252x152x100mm	92x65x95mm	212x98x246mm
Weight	1 Kg	1.5 Kg	1.4 Kg	1.3 Kg

Emergency Call Box

Item \ Model	EC-420AS
Microphone	Input Frequency: 70~12.5KHz : 50m Vp-p
Speaker	3W Output
Panic button	Yes
Housing/ Dimension/Weight	Aluminum IP66 Housing / 175 (W) × 220 (H) × 42 (D) mm / 1.5Kg
Power Consumption	DC12V/300mA
Environment	Temperature -10°C ~65°C; Humidity 20%~80% (N/An-condensing).
Application	Work with i-View IP camera for 2-Way audio and emergency call

SYSTEM DIAGRAM



APPLICATION



NETAUD® IP Audio System
Prevent Possible Crime

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