

# Network Emergency Intercom System



## Features:

- Real-time video & audio emergency call and provide immediate assistance in case of emergency
- Integrated system for nEI (Network Emergency Intercom)
- Ease of monitoring and of management
- Support E-Map and easy-to-use GUI
- Manage up to 128 nEIs, 4 simultaneous alarm display
- Up to 32 alarm-list
- Easy playback and AVI export of video alarm footages



nEI-NTSC / nEI-PAL

## Future-proof Technology

The System includes Emergency Server, Emergency Software, and Emergency Camera. It is a 2-way voice communication with echo cancellation mechanism that prevents echo from interfering the clarity of audio over TCP/IP network and enables straight high-quality voice communication between cameras and server after pressing the Emergency Big Red Panic button.

Only RJ45 cable is needed to connect to all devices.

Built-in hidden CCD camera with speaker and microphone allows the Emergency Server to see and to communicate with the cameras on site. Emergency Software provides firsthand real-time video & audio & alarm display information for the security center to take necessary immediate actions.



nES-B

## Applications:

Perfect for parking structures, schools, public restrooms, hospitals, public transportation, parks, bike trails, train carriages, elevators, gas station, other public areas and more.



### Telexper International Inc.

33235 Transit Avenue, Union City, CA 94587 USA / Phone: 1-510-477-9150 / Fax: 1-510-477-9634

3F.-3, No.2, Jian 8th Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C.) / Phone: +886-2-6620-5898 / Fax: +886-2-6620-6909 / <http://www.telexper.com> / E-mail: [sales-tw@telexper.com](mailto:sales-tw@telexper.com)

## Emergency Intercom Hidden IP Camera Specification

Model	nEI-N (NTSC) / nEI-P (PAL)
Panic Button	Big Red Color
Audio Codec	ADPCM/ PCM
2-Way Audio	Yes, Microphone x 1, Speaker x 1
Audio Echo Cancellation	Echo Cancellation across the network
Image Sensor	1/3" CMOS Sensor
Resolution & Rate	720x480/720x576 (NTSC: 30fps, PAL: 25fps)
Video Codec	H.264/M-JPEG hardware (SOC) compression
Video Stream	H.264, Multiple Streams
Video Bit Rate	30K- 4M bps
Sensitivity	0.25 Lux / F2.0 / 50 IRE
SNR Ratio	> 48 dB
Electronic Shutter	1/60(1/50) to 1/10,000 sec.
Flicker less	Yes, 1/120 sec.(60Hz) 1/100 sec.(50Hz)
Exposure	Automatic
Back Light Compensation	Automatic
AGC	Automatic
White Balance	Automatic
Picture Resolution	D1(720x480 / 720x576), QVGA(320x240)
Lens	Hidden Lens
Video Adjustment	Contrast, Brightness, Saturation, Sharpness
Control Output	NO / NC
Control Range	2A 30VAC, 1A 125 VAC, 0.5A 220VAC
Operation System	Linux Embedded OS
Processor	ARM 9 ,32 bit RISC
Security	Password
Firmware Upgrade	Yes, Remotely
Watch Dog Timer	Yes
Network Interface	RJ-45 (10/ 100 Base-T)
Power Requirement	PoE (IEEE802.3af) or +12V at 1A
Power Consumption	5W
Operating Temperature	-10°C to 50°C, 14°F to 122°F
Operation Humidity	5%--95%
Storage	-30°C to 70°C, -22°F to 158°F
Camera Dimension (L x W x D)	180 x 70 x 1mm + 150 x 56 x 75mm
Software SDK	Available upon request

TMSP: Telexper Multiple Stream Protocol.  
(Specifications subject to change without prior notice)



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# Emergency Intercom Server

**Model Name: nES-B**

**Easy-to use Graphic User Interface**

- Support resistive touch-screen panel
- Support E-Map
- Support D1 Resolution
- Support simultaneous 4 alarms in Live-view, Alarm Log, Setup
- Support up to 32 Alarms in the Alarm-list

**E-Map**

- Drag & Drop cameras to E-Map
- One-click on image for full screen display
- Alarm notification on E-Map

**Network Protocols**

- Voice & Image over TCP/IP network
- Support both DHCP & Static IP
- Support both LAN & WAN networks
- Add cameras anytime anywhere in a network

**nEI Connectivity**

- One server supports up to 128 cameras.
- Plug & Play:
- POE-enabled

**Recording**

- Record up all your emergency cameras 24H 7 days.
- D1 30 fps, 10 minutes max
- One standard AVI file per Event
- Record initiates when an alarm triggers, stops when operator ends the conversation or solve the alarm

**Two-way Audio communication**

- One click on image to have a full screen

**Video Search & Playback & Export By Day/Time**

- Alarm Events shown In Calendar Format
- Day/Time Search
- Easy Alarm Event Playback
- Standard AVI export and playback in Window Media Player

**User Authority**

- Setup, Alarm Log, Event Log, E-MAP

**Emergency Server Configuration:**

- Embedded Windows 7 OS
- Intel i5 CPU
- 4GB RAM
- Resistive Touch Panel



Immediate and full control of any incident with user-friendly GUI and E-Map



Playback of event footage from alarm log



Instant intercommunication with live video when an event occurs



Instant alarm notification on E-Map

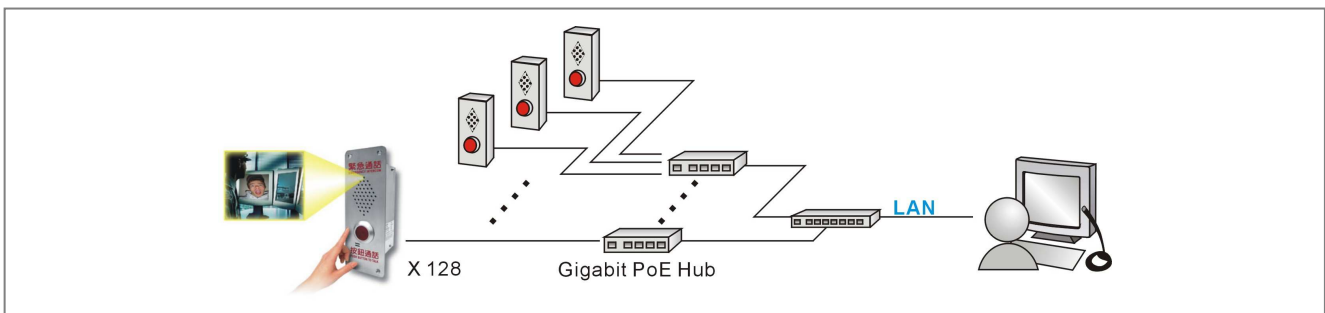


Device group management



Monitor any device any time

**System Diagram:**



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