Emergency Network Intercom with Hidden CCD IP Camera

Future-proof Technology

The Telexper Emergency Intercom is a 2-way communication device which enables user to commute to the Network Commander Station (or nCS) in the security center immediately after pressing the Big Red Panic button. Built-in hidden CCD Camera allows the security center to see and communicate with the user on-site.

It is implemented with Internet Protocol (IP) and is designed particularly for surveillance and safety, public and private. It can also be used for remote intercom and monitoring applications which allows the user to view their cameras through an Internet connection from a computer or a 3G phone.

It provides around-the-clock, high quality H.264 video with Internet Protocol which is used for communicating data over TCP/IP.

nEI-NTSC / nEI-PAL

Features:

- Big red panic button input for emergency intercom
- 2-way audio communication over IP networks with Echo Cancel feature
- 1/3" Sony Super HAD II CCD, 520 TVL
- PoE (IEEE802.3af, Power-over-Ethernet)
- H.264/M-JPEG (SOC) dual-mode compression
- Built-in hardware motion detection
- Camera Resolution of Full D1, 720x480 / 720x576
  NTSC @30fps, PAL @25fps
- User-friendly GUI and no configuration is required

Specification

Model	nEI-N (NTSC) / nEI-P (PAL)
Panic Button	Big Red Color
Audio Codec	PCM,ADPCM
2-Way Audio	Yes, (Microphone x 1, Speaker x 1)
Audio Echo Cancel	Yes
Image Sensor	1/3" Sony Super HAD II CCD, 520TVL
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
S/N 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
Motion Detection	Yes, 4 different areas (hardware)
Picture Resolution	D1(720x480 / 720x576), QVGA(320x240)
Lens	Hidden Lens
Video Adjust	Contrast, Brightness, Saturation, Sharpness
Operation System	Linux Embedded
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℃ to 50℃, 14℉ to 122℉
Operation Humidity	5%--95%
Storage	-30℃ to 70℃, -22℉ to 158℉
Dimension (L x W x H)	180 x 70 x 1mm + 150 x 56 x 75mm
Software SDK	Yes

TMSP: Telexper Multiple Stream Protocol

(Specifications subject to change without prior notice)