Comprehensive Remote Sites Protection system

Description:

The cutting edge TSPS system provided by Eldor is designed to provide a security suit for remote sites, manned or unmanned. The system includes "all-in-one" site controller and sensors, cameras, electronic fences, deterrent devices and central command and control software.

Eldor provides integrated critical site surveillance & security systems and services and has experience of deploying complex and sophisticated technology solutions.

Why TSPS

- Gathers information from a variety of sensors
- Create a tactical situation awareness picture in real time.
- Eliminate crimes and terror acts
- Easy installation
- IP based

Eldor TSPS controller

Capabilities:

- Intrusion detection system
- Video Surveillance and analysis– advanced observation systems
- Access Control system
- Alarm System
- Sensors (Fence detection, High frequency cable, Microwave barriers)
- Radars
- Wireless panic button
- Remote PA and microphone
- Communication – cellular, VHF/UHF, VSAT, fiber optic, WAN.
- Unified Command and Control Management System

The system is modular and can include whole or part from functionalities.

General specification

- *I/O*

  1-4 Video Inputs (BNC)
  1 Ext Ethernet port (RJ45)
  4 Internal Ethernet ports (RJ45)
  1 Power socket (12VDC)
  1 Devices interface connector (DB37)
  1 Audio in
  1 Audio out
  2 Ports S422 BUS sensors
  1 Port RS485/422 PTZ
  6 Programmable Dry contact output.
  6 Programmable Dry contact input.

- *Environmental*

  Controller Operating Temp., 5 – 50 C
  Ext. Devices Operating Temp., 0 – 60 C
  Storage temperature, 0 – 70 C

- *Audio*

  Compression G.711
  Built in Amplifier 30 Watt
  Audio in Line level

- *Video*

  Support up to 4 Video inputs
  1 V p-p 75 Ohm
  PAL, NTSC, CCIR, RS170
  Resolution: QCIF to 4CIF
  Programmable 1 – 30/25 Frame per sec
  Built in Real time full motion Quad display.
  Selectable layout view format
  H.264, MPEG2 or MJPEG compression.
  Average latency 200 msec.
  Bit Rate: 32Kbps – 4 Mbps
  On Board recording 16 GB Micro SD

- *System*

  Processor TI DM 6446 594 Mhz
  Flash 16 MB
  DDR Memory 128 MB DDRII
  Embedded OS Linux 2.6

- *Power Requirements*

  12 VDC / Optional 24VDC 85-230 VAC
  Current consumption in "Sleep" mode ~ 400 ma
  Current consumption in "Awake" mode ~ 2000 ma

- *External Devices*

  Dual Tec IR & MW perimeter sensors
  HD gate tamper switch
  Signaling strobe – Xenon
  High power sounder – 110 DB
  Technician Configuration Panel
  HR 520 TVL 0.1 Lux 1/3" Day & Night CCTV
    Cameras.

- *DIMENSIONS*

  Depth 400 mm
  Width 180 mm
  Height 160 mm