

DUAL COMMUNICATIONS INTERFACE



REDUNDANT COMMUNICATION TO SIRENS AND ALERT DEVICES



MULTIPLE COMMUNICATION PATHWAYS TO SIRENS AND OTHER ALERTING DEVICES

The Dual Communications Interface (DCI) allows redundant communication pathways to sirens and other alerting devices. The network DCI supports voice transmissions, turning any siren or alerting device into a network-ready system. This allows for transmission of live or recorded voice announcements to equipment previously not network-compatible.

For higher system availability, a second channel can be configured to support fully-redundant communication pathways. Feedback to the CentrAlert C-DAC system notifies maintenance personnel of channel availability. Install the DCI into third-party devices with our encrypted protocol and upgrade systems for redundancy and secure communications.

Operational Features

- Convert Existing Sirens to IP Communications
- Supports VHF, UHF, Ethernet and More
- Maintains Live Connections to Both Communication Pathways
- Monitors Communication Pathways and Sends Alarm Data when Either Channel is Down
- Conformal-Coated to Resist Weather and Corrosion

Paired Software Component

- SOS Siren Module



3090 Harrodsburg Road, Lexington, KY 40503 | 859.224.1047 | info@centralert.com | centralert.com

The CentrAlert® hardware line works seamlessly with our Crisis-Driven Alert & Control™ (C-DAC) software suite, providing both input activation controls and output notification devices. Our hardware products can also integrate third-party components for C-DAC control. Additionally, they can be installed as standalone devices for use where third-party controls are in place. We also manufacture custom devices - call CentrAlert for details.

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VERSATILE SUPPORT

Network Ready/VoIP Capable

- Turn sirens or other alerting devices into a network-compatible, VoIP-ready system

Multiple Protocols

- DTMF
- Digital
- FSK
- XML
- CentrAlert 256-bit encryption

Multiple Communication Networks Supported

- Radio: Analog, Digital, Trunked Systems, P25
- Ethernet: TCP/IP, VoIP, Radio Over IP (RoIP), Fiber Optic, Mixed Media
- Telco: Handset, POTS 2-Wire Landline

Available Alarms

- Communication failure on all channels
- Communication failure on one channel

User Configurable Features

- Programmable via PC with HyperTerminal (XP)
- Device address for diagnostics
- User-defined latency window for incoming data
- Unicast or multicast options
- Timing of comm health check

Diagnostic Features

- Validation LEDs flash to verify data from all ports
- Power “on” LED
- Audio level adjustments

Power Options

- Direct power from device control board
- 12 VDC or 24VDC power supply

Sample Communication Combinations

- VHF/VHF
- VHF/UHF
- UHF/UHF
- VHF/IP
- UHF/IP
- VHF/Landline
- UHF/Landline
- IP/Landline



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