Product Specification Sheet

WNC-AD2

Central Monitoring Station Interface



WNC-AD2
Central Monitoring Station Interface

The WNC-AD2 bridges the BEC Wireless Emergency Call System with off-site central monitoring facilities. It accepts alert data from the system's PC server over an RS232 connection utilizing the Comp 2 protocol. The interface then converts and transmits this data via SIA format over standard telephone lines. Transmitted details include primary or secondary account identifiers, specific SIA medical event codes, and location identifiers (such as room, suite, or zone numbers) for prompt emergency dispatch.

Architects' and Engineers' Specifications

The monitoring interface module shall be model WNC-AD2. The unit must receive alarm data from the wireless emergency call system and transmit formatted alerts to an off-site central monitoring station. Key capabilities include supporting primary and secondary account numbers (up to 6 digits each), transmitting designated medical emergency codes, and routing location details for up to 9,999 distinct zone IDs using SIA dialer protocol over analog telephone connections.

System Components

Server II: BEC Server Console

Specifications

- **Dimensions: 2.5**" H × 9.25" W × 13.0" D
- **Power Input:** 12 VDC, 250 mA
- **Output:** 2-line RJ45 with line seizure functionality
- Operating Environment: 0°C to 50°C; 0%–93% relative humidity (non-condensing)
- **Interface Connections:** DB9 serial port, RJ45 jacks, and DC power plug

Features

- **Central Station Connectivity:** Transmits resident and site alarm data from the BEC Wireless Emergency Call System to off-site central monitoring stations.
- Dual Protocol Support: Receives data from the PC Server via RS232 I/Q port using Comp 2 protocol and forwards alerts using standard SIA protocol.
- **Detailed Alarm Reporting:** Transmits key event data including primary/secondary account numbers, medical emergency SIA codes, and room/suite/zone identifiers.
- **High Zone Capacity:** Supports identification for up to 9,999 unique decimal zone digits/numbers.
- Line Seizure Capability: Features 2-line RJ45 output with built-in line seizure for immediate transmission over dedicated analog telco lines.
- **Immediate Transmission:** Automatically sends each alarm event in SIA format as soon as it is received by the unit.

Toll-Free: 888.556.3998
Phone: 716.689.0871
Address: 5225 SHERIDAN DR STE 110,
GEORGETOWN SQUARE, WILLIAMSVILLE NY 14221-4952
E-mail: support@becsolutionsllc.com