BEC Integrated Solutions

WNC-AD2

Architects'and Engineers' Specifications

The central monitoring station interface shall be part numberWNC-AD2 and shall send the alarm information from the WNC-Server of MV500 Wireless Emergency Call System to a central station for alarm monitoring. The interface shall be capable of sending up to two account numbers (primary and secondary) of up to 6 digits each, a medical emergency code, and up to 9,999 unique zone ID numbers. Messages shall be transmitted to the central station as SIA format dialer messages over a dedicated analog telco line that must be terminated with an RJ45 jack using an RJ31X pin out.

System Components

Model No.	Description
WNC-Server	Wireless Nurse Call Server Console
MV500Z	Wireless Nurse Call MV500Z Console

Description

The WNC-AD2 Central Monitoring Station Interface sends resident or site alarm information from the WNC-Server or MV500 desktop console toa central monitoring station. The phone line must be analog from the facility to the central station and cannot switch to digital. The console sends alarm information to the WNC-AD2 central station dialer via RS232 IO port using Comp2 protocol. The WNC-AD2 Central Monitoring Station Interface then sends alarm information to the central station using SIA protocol A typical alarm message consists of an account number (primary or secondary); medical emergency SIA code; and a room, suite, apartment or zone code (9,999 possible decimal digits) which identifies the subscriber requesting assistance. TheWNC-AD2sends each alarm event as soon as it is received and transmits the alarm in SIA format over a dedicated analog telco line that must be terminated with an RJ45 jack using an RJ31X pin out.

Specifications

Dimensions: Height: 2.5
    Width: 9.25
    Depth: 13.0
Power Input: 24VDC, 500MA
Phone Line Jack: RJ31X pin out on RJ45 connector
Environment: 0°C-50°C, 0-93% relative humidity. non-condensing
Housing: ABS-94HB
Connections: DB9, RJ45, DC power plug