



Architects' and Engineers' Specifications

The wireless Emergency call system shall provide a corridor light control unit BEC part number WNC-DLC200 that shall operate one, two, three and four color corridor and zone lamps for patient call annunciation. Each control unit shall power a minimum of 100 incandescent or 200 LED corridor lights, zone lights and duty stations connected in series. Systems that require home run wiring or AC power for each light are not acceptable. The control unit/power supply have built in watchdog functionality to monitor the receiver and software. It shall be regulated to provide 24 volts DC at 2.4 amps. The input shall be fused.

System Components

SERVER: Video Display Console
MV-500: System Desk Console

WNC-DLC200 Control Unit/Power Supply

The WNC-DLC200 Control Unit/Power Supply provides power and RS-232 data for up to any combination of 100 incandescent lights or 200 LED lights connected in series. Lights may be one, two, three or four color corridor lights, zone lights and/or duty stations. Multiple WNC-DLC200 Control Units can be used in large applications to control greater numbers of corridor and zone lights. In addition to the housing and power supply, the WNC-DLC200 includes RS-232 connections for the Video Display Console and corridor/zone lights.

Specifications

- **Dimensions:** 11.32" H × 9.32" W × 5.39" D
- **Power Input:** 120VAC, 60 Hz, 115W
- **Power Output:** 24 Volts DC
- **Environment:** 0°C–50°C, 0–80% relative humidity
- **Housing:** UL listed NEMA 4X compression molded, fiberglass enclosure

Features

- Designed for indoor facility deployment
- Includes 120 VAC indoor power transformer
- Plug-and-play installation without custom wiring or manual programming
- Automatic self-configuration
- Optional solar power configuration for outdoor environments
- Integrated external antenna for enhanced signal delivery