Product Specification Sheet
WNC-RPSM
Mini Repeater/Locator



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The WNC-RPSM is a 900MHz indoor spread spectrum repeater. It measures the received signal strength from portable necklace or wrist transmitters while ignoring background noise. This signal repeater sends information to the WNC II Console PC, which annunciates the general location of the pendant based on RSSI strength.

Specifications

- **Dimensions (Repeater Only):**
  Height: 0.9"
  Width: 1.7"
  Depth: 3.5"
  8" with antenna installed
- **Power Input:** 5VDC 1000mA Micro USB transformer with two-part connector transformer included for use indoors

Architects' and Engineers' Specifications

To accommodate large facilities such as multi-floor buildings as well as support future site expansion and remodeling, Systems Technologies part number WNC-RPSM mini repeater, shall be available to increase alarm transmission range.
The indoor repeater shall be capable of a minimum of 10 milliwatts of effective radiated RF power and shall provide signal strength in addition to the ID of the originating transmitter device to WNC II consoles.
The signal repeater transmits the information to the WNC II Console PC to annunciate general pendant location based on RSSI signal strength.
Reliable alarm and supervisory check-in signals are monitored and must be maintained at all times.

Features

The WNC-RP-WP can be specified with alternate antenna configurations or companion system variants depending on campus architectural demands:

- WNC-RP-WP-EXT: Version featuring an external N-Type connection port for high-gain directional or omni-directional outdoor mast antennas to target specific structural blind spots.
- WNC-RP-WP-MC: Pole/Mast mounting collar kit constructed of marine-grade stainless steel for secure exterior installation on utility poles or architectural pillars.
- Alternative Base-Model Variants: WNC-RP: Standard indoor wireless repeater assembly.
- WNC-RP-UL1069: Dedicated acute-care indoor repeater housing integrated network switch logic.

System Components

MV 200Z, MV 500Z, WNC II Computer, WNC II Server, Computer

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