

**MODEL: 351001 - BRANCH REGIONAL CONTROLLER v2**



351001

**FEATURES**

- Data & audio control for four (4) L-Net connections
- Supports up to ninety-six (96) Corridor Lights and/or Domeless Controllers
- Data, audio, and power for four (4) Ethernet connections
- Supports up to sixteen (16) Nurse Consoles and up to eighty (80) Staff Terminals
- Power over Ethernet (PoE) to the Nurse Consoles and Staff Terminals through any of the four (4) Ethernet ports
- Seventeen (17) LED diagnostic/status LED indicators
- Continuously supervises local consoles, staff terminals, corridor lights, and domeless controllers for power and signal
- Stores local console, staff terminal, corridor light, and station configurations
- RJ connectors for easy service
- Removable power terminal block for easy installation

**SPECIFICATIONS**

**Power Required:** Main Power: 36 V DC @ 2.0 A

Optional L-Net Power: 36 V DC @ 1.7 A

**Weight:** 2.2 lbs. (1.0 kg)

**Size: W:** 6.6" (16.8 cm)

**H:** 11.4" (29.0 cm)

**D:** 0.9" (2.3 cm)

**Housing and Finish:** Black metal enclosure with white nomenclature

**Controls/indicators:** Four (4) Ethernet Link LEDs, Four (4)

Ethernet Power LEDs Four (4) L-Net Link LEDs, Four (4) L-Net Power LEDs, Main Power LED

**Terminations:** Four (4) Ethernet connectors (RJ 45), Four (4) L-Net connectors (RJ 45), One (1) power connector (screw terminal) One (1) USB diagnostic connector (USB "B")

**Backbox Options:** Rauland NC2828 Terminal Cabinet or Rauland 351102 Wall Mounting Cabinet

**DESCRIPTION**

The Branch Regional Controller v2 (BRC v2) is the data, audio, and configuration hub for four (4) L-Net connections to support up to ninety-six (96) corridor lights and / or domeless controllers. The BRC v2 offers the option of directly powering lightly-loaded L-Net runs (up to 0.55 A per run). The BRC v2 is also the data, audio, power, and configuration hub for four (4) Ethernet connections to support up to sixteen (16) nurse consoles and up to eighty (80) staff terminals, of which sixteen (16) can annunciate calls. Power over Ethernet (PoE) is provided to the Nurse Consoles and Staff Terminals through any of the four (4) Ethernet ports.

The Branch Regional Controller v2 routes bi-directional data and audio to associated consoles, staff terminals, corridor lights, domeless controllers and stations. Configura-

tion information for local consoles, staff terminals, corridor lights, domeless controllers and stations is contained in the module's memory. All BRC v2 troubleshooting/configuration programming is accessed from a single USB diagnostic port or through an Ethernet connection over a facility's local area network (LAN). To ensure every component of the Responder 5 system is operational the BRC v2 continuously supervises all local consoles, staff terminals, corridor lights, and domeless controllers for both power and signal faults. This information is passed to a network program for monitoring and alerting system status. In the event of a power failure, the battery backup permits the BRC v2 to maintain full operation during the time required to switch to auxiliary power.

*Architect and Engineer (A&E) Specifications available online at: [customerconnection.rauland.com](http://customerconnection.rauland.com)  
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