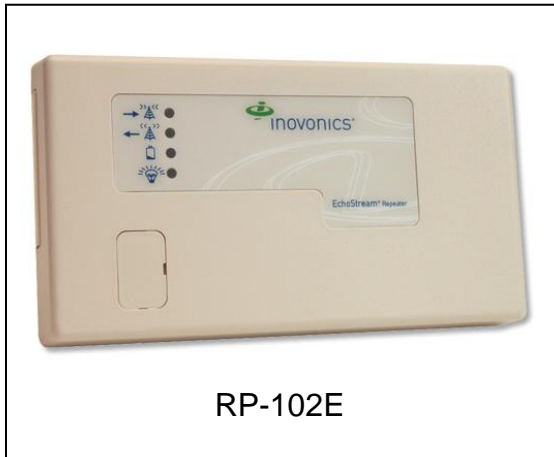


## Repeater RP – 102E



**Description:** The RP-102E offers 150' ball of open field range with the repeater in the center. This dramatic increase in range makes this transceiver a practical wireless solution for “open-air” installations such as campuses, multi-story buildings, office complexes, and other large wireless projects. Cornell’s proven radio protocols and Signal Synchronization Technology™ allow the repeater to act intelligently, amplifying transmission from any FA series transmitter while ignoring background noise. Signal Synchronization Processing™ minimizes the excessive signal generation problem that occurs with conventional store-and forward repeaters.

**Operation:** When used with Cornell System, this wireless device offers over four miles of open field range, providing a practical solution for “open air” installations. Repeater can be programmed as a point for supervising the radio link from the repeater to home receiver.

**Mounting:** Includes mounting bracket for wall mounting

**Engineering Specifications:** The contractor shall furnish and install the CORNELL RP-102E Wireless Repeater as indicated on the plans. Repeaters shall be programmed to AURA 2.0 following specifications. Repeaters shall be mounted with provided bracket.

**Technical Information:**

- Dimensions: 6.5” x 3.5” x 1.0”
- Power: 14 VAC/20VA transformer included
- Operating Environment: 50-120°F Indoor Non-condensing