



SuperBus[®] 2000 Commercial RF Transceiver Module

Overview

The SuperBus 2000 Commercial RF Transceiver Module adds wireless zone capability to any Advent[®] system.

The module can be located near the panel cabinet or up to 4,000 feet away (using 18 gauge or larger wire). The module receives information from remote wireless sensors and touchpads and sends the data to the panel via the SuperBus 2000 auto-addressing digital data bus. Power for the module is provided by the panel.

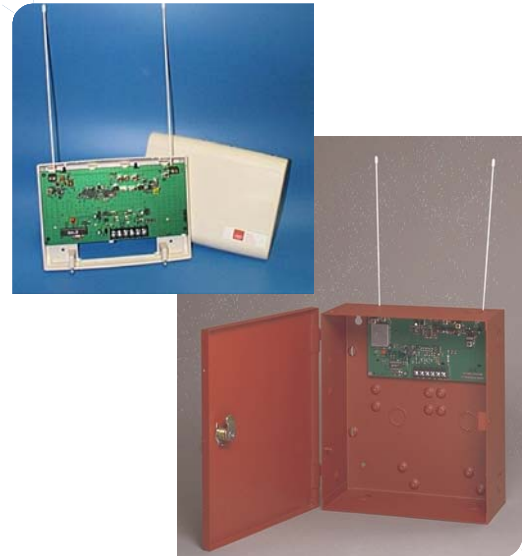
Advent systems support up to five transceiver modules.

The SuperBus 2000 digital data bus technology provides fast and reliable data transfer to the panel, and allows automatic module addressing.

Two models are available:

- 60-821-95 has a plastic housing for residential and commercial burglary applications.
- 60-856-95 has a metal housing for commercial fire applications.

For UL commercial listed installations the module can be ordered with a metal box/cabinet.



Standard Features

- Compatible with all GE Interlogix Advent panels
- 2,500 feet (open air) typical wireless range (plastic housing)
- 3,500 feet (open air) typical wireless range (metal housing)
- Locate up to 4,000 feet from panel using 18 gauge or larger wire
- SuperBus 2000 auto-addressing digital data bus.
- Up to five transceiver modules per panel
- Dual antennas provide spatial diversity, which minimizes wireless coverage nulls or dead spots
- Compatible with all GE Interlogix 319.5 MHz crystal Learn Mode[™] wireless sensors and touchpads
- Built-in supervised, fire-rated hardwire input zone
- On-board power, wireless packet reception, and bus status LED's
- Low-profile, metal or plastic case

SuperBus 2000 Commercial RF Transceiver Module

Ordering Information

Main Product Offering	Part Number
Commercial RF Transceiver Module with plastic housing	60-821-95
Commercial RF Transceiver Module with metal housing	60-856-95

Literature	Part Number
Installation Instructions	466-1653

Technical Specifications

Compatibility

- GE Interlogix Advent Fire, Advent Commercial Security, and Home Navigator control panels
- GE Interlogix 319.5 MHz crystal Learn Mode wireless sensors and touchpads

Power Supply

- 12 VDC nominal, 50 mA maximum (supplied by panel)

Panel Data Bus

- GE Interlogix SuperBus 2000, auto addressing digital data bus

Hardwire Zones

- One Class B supervised, fire-rated normally open or closed dry contact zone input

Number of Wireless Sensors

- Panel's maximum capacity

Wireless Signal Range

- 2,500 feet typical open air range (plastic housing)
- 3,500 feet typical open air range (metal housing)

SuperBus Cable Length

- Up to 4,000 feet (using 18 gauge or larger wire) module to panel length

Environmental

- Operating Temperature: 32° to 120°F (0° to 49°C). Up to 140° F (60° C) under temporary conditions
- Storage Temperature: -30° to 140°F (-34° to 60°C)
- Maximum Temperature: 90% relative humidity, noncondensing

Physical Description

- Color: Belgian Gray (60-821-95); "Fire" Red (60-856-95)
- Dimensions: 6 in. (15.2 cm) x 8.5 in. (21.6 cm) x 1.5 in. (3.8 cm) (L x W x D) (60-821-95); 11.25 in. (28.6 cm) x 9.75 in. (24.8 cm) x 4.63 in. (11.8 cm) (L x W x D) (60-856-95)
- Case Material: ABS Plastic (60-821-95); 16 gauge Steel (60-856-95)
- Antennas: Two 9.25 in.

Approvals/Listings

- FCC Part 15
- UL 365: Police Station Connected Burglar Alarm Units and Systems
- UL 609: Local Burglar Alarm Units and Systems
- UL 864: Control Units for Fire Protective Signaling Systems (60-856-95 only)
- UL 985: Household Fire Warning System Units
- UL 1023: Household Burglar Alarm Units and Systems
- UL 1610: Central Station Burglar Alarm System Units
- UL 1637: Home Health Care Signaling Equipment
- ULC Canada Household Fire/Burglary Warning System (60-821-95 only)
- CSFM California State Fire Marshall
- NFPA Complies with NFPA 72 for National Fire Alarm Code



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