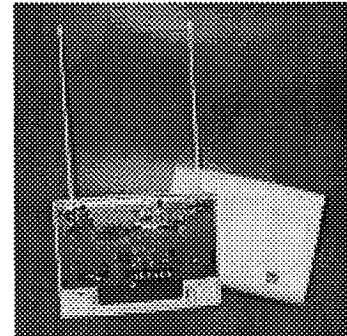


Security
Automation
Fire Protection
Access Control

Interactive Technologies, Inc.

SuperBus® 2000 Commercial RF Transceiver Module

Preliminary



File: Peripherals

ITI Part # 60-821-95

Overview

The ITI® SuperBus® 2000 Commercial RF Transceiver Module adds or extends wireless zone capability to Concord™ and Advent® (and Custom Version) panels in both residential and commercial installations.

The module can be located near the panel cabinet or up to 2,800 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 digital data bus.

Concord™ systems support up to two, and 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 either automatic or manual module bus addressing.

Features

RF Transceiver Module features include the following:

- 4,000 feet typical wireless range (open air).
- Dual antennas provide spatial diversity, which minimizes wireless coverage nulls or dead spots.
- Compatibility with ITI Concord™ security and Advent® security/fire panels.
- Compatibility with all ITI 319.5 MHz crystal Learn Mode™ wireless sensors and touchpads.
- Built-in supervised, fire-rated hardwire tamper zone.
- On-board LED power, wireless packet reception, and bus status indicators.
- Attractive, wall hugging low-profile case.

Applications

- Adds wireless zone capability to hardwire Concord™ and Advent® panel installations.
- Extends wireless zone capacity of wireless Concord™ panel installations.

SuperBus® 2000 Commercial RF Transceiver Module

Specifications

| | | |
|------------------------------|---------------------------------|--|
| Compatibility | | |
| | Panels | ITI® Concord™ (and Custom Versions) security panels. Advent® (and Custom Versions) fire/security panels. |
| | Sensors | ITI® 319.5 MHz crystal Learn Mode™ wireless sensors and touchpads |
| Power Supply | | |
| | Power Requirements | 8-14 VDC (12V nominal), 30 mA maximum (supplied by panel) |
| Hardwire Zones | | |
| | | One supervised, fire-rated hardwire zone. |
| Wireless Zones | | |
| | | Panel limited number of zones |
| Wireless Signal Range | | |
| | Open Air Range | 4,000 feet typical open air (may vary with application) |
| SuperBus Cable Length | | |
| | Module to Panel Distance | Up to 2,800 feet (using 18 gauge or larger stranded wire) |
| Environmental | | |
| | Storage Temperature | -30°F to 140°F (0° to 60°C) |
| | Operating Temperature | 32°F to 140°F (0° to 60°C) |
| | Maximum Humidity | 90% relative humidity, noncondensing |

SuperBus® 2000 Commercial RF Transceiver Module

Specifications (Continued)

Approvals/Listings

| | |
|----------------------|--|
| FCC | FCC Parts 15 and 68 |
| UL | UL 365 for Police Connected Burglar Alarm Units and Systems (pending) UL 609 for Local Burglar Alarm Units and Systems (pending) UL 864 for Control Units for Fire-Protective Signaling Systems (pending) UL 985 for Household Fire Warning System Units (pending) UL 1023 for Household Burglar Alarm System Units (pending) UL 1076 for Proprietary Burglar Alarm Units and Systems (pending) UL 1637 for Home Health Care Signaling Equipment (pending) |
| ULC | Canada Commercial Fire/Burglary Warning System (pending) |
| DOD | Sensitive Compartment Info. (pending) |
| CSFM | California State Fire Marshall (pending) |
| NFPA | Complies with NFPA 72 for National Fire Alarm Code |
| FM | Factory Mutual (pending) |
| MEA | New York City Material Equipment Acceptance (pending) |
| Complies with | Complies with NFPA for Fire Alarm Code |

Physical Description

| | |
|-------------------|---|
| Case Color | Belgian Gray |
| Antennas | Two 9.25" |
| Dimensions | 6.0" x 8.5" x 1.5" (LxWxD) excluding antennas |

| | |
|---------------------|------------|
| Installation | Wall mount |
|---------------------|------------|

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Specifications are subject to change without notice.

Ordering Information

ITI Part # 60-821-95

ITI Document # 466-1332 Rev. A (Preliminary)

(Spec Sheets available in quantities of fifty)

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