



ITI Part No. 60-562-01
60-562-04

Overview

The Advent Commercial Burglary system delivers advanced hardwire/wireless burglary protection for both new and existing commercial burglary alarm installations. The system is easy to install and simple to use. The system is available in two models:

- 60-562-01 has 250 zones, 8 partitions, and up to 250 users .
- 60-562-04 has 132 zones, 4 partitions, and up to 100 users.

The Advent Commercial Burglary system is suited for large applications or where future expansion may be required.

High Standards

The panel comes standard with 6 general purpose inputs/outputs, one 2 wire smoke loop (12 or 24 volt) and one additional general purpose input zone. Advent auxiliary power

output provides 5 amps @ 12 VDC for power to bus devices and other system peripherals. All system events are stored in a 2,048-event history buffer.

Easy Expansion

Optional SnapCards™ add system input and output capabilities. SnapCards (two per panel) connect easily to the panel circuit board inside the cabinet for a clutter-free, professional installation. Optional SuperBus® 2000 modules add even more system input and output capabilities, such as dual phone line capability, 4-relay output, on-site printer, RF transceiver, and more.

Effortless Programming

Conduct quick and easy on-site programming with alphanumeric touchpads and a menu-driven text interface. Or use Advent Downloader software.

Standard Features

Basic Panel Hardware/Software:

- Six general purpose inputs/outputs, one additional general purpose input zone, one 2 wire smoke loop (12 or 24 volt)
- Supports up to 132 or 250 (depending on model) supervised, hardwire or wireless zones
- 78 pre-defined zone configuration types
- 4 or 8 (depending on model) partitions—two account numbers per partition; 32 shared schedules per partition
- 100 or 250 (depending on model) user-programmable access codes (4–6 digit lengths allowed)
- One supervised voice status/alarm output; One dry contact relay output
- 800+ word vocabulary for voice and display
- 12 VDC, 5 amp auxiliary power output
- On- and off-site telephone access with digitized-voice feedback
- Dual SuperBus Ports—support up to 62 bus devices (31 per port)
- 2,048 event buffer with time and date stamp, can be uploaded
- Contact ID™ reporting format
- Up to 16 alphanumeric pagers
- Long Range Radio (LORRA); pre-programmed, on-board header
- Network buddy system
- Programming can be downloaded using ITI Advent Downloader
- Flash memory, downloadable upgrades

Expansion Options

- SuperBus 2000 RF Transceiver (up to 5)—works with all ITI crystal, wireless Learn Mode™ sensors and touchpads
- SuperBus 2000 Dual Phone Line Module
- SuperBus 2000 Printer Module
- SuperBus 2000 8-Zone Input Module
- SuperBus 2000 4-Relay Output Module
- 4 Relay Output SnapCard
- 8Z Hardwire Input SnapCard
- 4Z/2 Output SnapCard
- 24V SnapCard (check for availability)

Advent Commercial Burglary Literature

Advent Installation Instructions
Document No. 466-1758-ITI

Commercial Burg. Owners Manual
Document No. 466-1767

SuperBus 2000 2 X 20 VFD
Alphanumeric Touchpad
Document No. 466-1633

SuperBus 2000 2 X 20 LCD
Alphanumeric Touchpad
Document No. 466-1632

SuperBus 2000 8Z Input Module
Document No. 466-1606

SuperBus 2000 4-Relay Output
Module
Document No. 466-1608

SuperBus 2000 Dual Phone
Line Module
Document No. 466-1363

SuperBus 2000 Printer Module
Document No. 466-1364

SuperBus 2000 Commercial RF
Transceiver Module
Document No. 466-1653

Dealer Feature/Data Sheet
Document No. 466-1624

Specifications

Power Supply

Required Transformer
US
Canada
Backup Battery

Battery Backup Time
Battery Test
Auxiliary Power

24 VAC, Class II Single Tap 100 VA or Class I Single Tap 100 VA
24 VAC, Class II Single Tap 120 VA or Class I Single Tap 120 VA
12 VDC, 17.2 - 18.0 Ah rechargeable, sealed, lead-acid (up to 3 batteries, additional enclosure required for third battery)
Minimum 24 hours (depends on load and number of backup batteries installed)
Every 4 hours (default) or 24 hours
12 VDC, 5-amp built-in current limiting circuitry: SuperBus outputs limited to 650 mA each, long-range radio output limited to 250 mA

Telephone/Modem

Dialing
Modem

Telephone Interface

DTMF or pulse
Up to 14,400 bps, Bell 103, Bell 212A, V.32bis, V.32, V.22bis, V.22, V.23, V.21, V.42bis
Line seizure relay, DTMF phone control, line supervision

Inputs/Outputs/Connections

General Purpose Inputs/Outputs

2-Wire Smoke Loops

Voice Output
Interior Siren Output
Exterior Siren Output

Auxiliary Power Outputs
SuperBus Ports
Long Range Radio

6 built-in; 1 additional built-in input only; up to 132 or 250 (depending on model) input zones total using optional SnapCards and SuperBus 2000 modules
1 (12- or 24- VDC); up to 20 devices (24 VDC option requires additional snapcard)
25 Watts, 4-8 Ohm speaker, supervised
Open collector, 150 mA maximum, 13.8 VDC maximum
N.O. Relay contacts, 4.0A maximum at 24 VDC, 4.0A maximum at 24 VAC, 1.0A maximum at 70 VAC maximum
Regulated 12 VDC, 5 A
2—up to 31 modules per port
Preprogrammed, on-board header

Environmental

Operating Temperature
Storage Temperature
Maximum Humidity

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

Approvals/Listings

FCC Part 15 and 68
UL 365: Grade A, AA Police Connected Burglar Alarm Units and Systems
UL 609: Local Burglar Alarm Units and System
UL 985: Household Fire Warning System Units
UL 1023: Household Burglar Alarm Units and System
UL 1610: Central Station Burglar Alarm System Units
UL 1635: Digital Alarm Communicator Systems
UL 1637: Home Health Care Signaling Equipment
CSFM California State Fire Marshall
DOD Sensitive Compartment Information Fac. (applied for)
Complies with NFPA 72 for Fire Alarm Code

Physical Description

Color
Material
Dimensions

Light gray
16 gauge steel
21.5 x 14.75 x 5 inches