

# Infraguard II - Intrusion Detection and Access Control Panel

## Product Overview

Advantors Infraguard II Panel combines the functions of intrusion detection and access control into a single panel. Multiple options are provided for communications with an ASN monitoring system, including TCP/IP via Ethernet, dedicated or dial-up telephone line, digital cellular communications & available on-board encryption for use in SCIF applications. An Infraguard II Panel may act as a "host" interface for additional Infraguard Panel, Infraguard II Expansion Panels and/or Infraguard Expansion Modules. Advantors Infraguard II Panel will support multiple alarm inputs and will have an IP address on a TCP/IP Ethernet network.

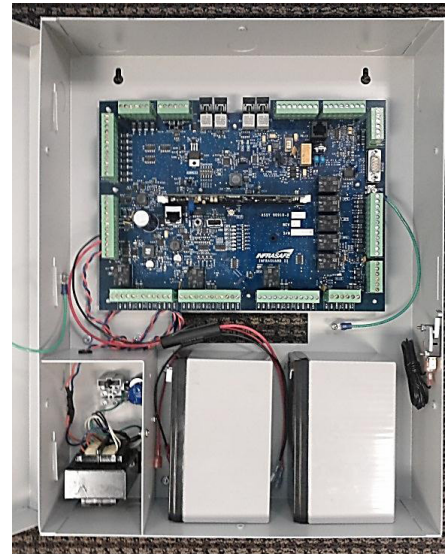
## Expertise you can rely on.

### INTRUSION DETECTION FEATURES

- 8 Touchscreen Keypads or 16 Infratouch Keypads per Infraguard II Panel
- 99 Security Partitions maximum
- 20 Supervised Alarm Inputs, supporting supervision with end-of-line resistor
- Status LEDs provide for visual identification of operation
- Up to 16 Expansion panels / Modules can be added to host panel

### ACCESS / ENTRY CONTROL FEATURES

- 100,000 Cardholders maximum
- 32,000 Access Levels maximum
- Four Wiegand reader inputs to control up to 4 doors
- Supports multiple bit card formats accommodating up to 9 digit card numbers
- User-changeable PIN, up to 6 digits
- "Level 1" (card only); "Level 2" (card plus PIN) or "Level 3" (card plus PIN plus Biometrics) access control options
- Visitor escort management and control
- Turnstile control
- Mantrap capability
- Optional Free Exit or Card Controlled Exit
- Optional Anti-Passback



### DIMENSIONS

#### Attack-Rated UL Enclosure

- 14"W x 18" H x 3.6" D
- 16-gauge, welded, cold rolled steel with high security lock and key
- Color: Light gray w / Advantors logo
- Removable cover with grounding strap
- Tamper switch for cover

#### PCB Foot Print

- 11 5/16"W x 8 5/16"H



# Infraguard II Panel

## ADDITIONAL FEATURES

- NIST Certified AES Encryption - Certificate #1630
- UL Listings: 1076, 1610, 294, 1635, 2050
- 8 Form-C Relay Outputs - 2A, 35VAC/VDC
- 4 Open-Collector Outputs - 100mA maximum
- 8 Differential Audio Input
- *\* Audio not available on expansion devices*
- I/O Linkage - 65,000 input / output grouping

## OPERATING ENVIRONMENT

- 0° F to 122° F (-18° C to 50° C)

## COMMUNICATIONS

### Communications Interfaces to Monitoring Server

- NIST Certified AES Encryption - Certificate #1630
- Ethernet LAN interface with TCP/IP protocol built-in
- Built-in modem supports both dial-up and dedicated telephone line applications
- Optional cellular modem interface
- Panel may serve as "host" interface to additional local Infraguard I/II panels and modules

### Communications Interfaces to Local Infraguard I/II Panels (Additional Doors and Alarm Points)

- Up to 16 Infraguard I/II panels may be configured on a local network, sharing a single communications interface with the monitoring server.

### Communications Interfaces to Local Infraguard Modules (Additional Alarm Points and Auxiliary Outputs)

- Up to 16 Infraguard Modules may be configured on a local network, sharing a single communications interface with the monitoring server.
  - Local communications interfaces operated at 38,400 bps
- NOTE: Maximum 16 Expansion Devices (panels and modules) in any combination.

## POWER SUPPLY

- Primary Power: 16.5 VAC, 43 VA transformer with 100-240 VAC input 50/60 Hz
- 12 VDC Gel Cell Battery Backup (14Ah)
- Aux Output: 13.7VDC, 1500mA max
- 13.7 VDC Gel Cell Battery Charger
- Power supervision for AC input power, battery voltage, and auxiliary output power status
- External power supply supervision
- 12 VDC Auxiliary power isolation with 4 PTC auto-resetting circuit breakers

## CERTIFIED COMPATIBLE WITH THE FOLLOWING ADVANTOR SOFTWARE PRODUCTS:

- Advantor Digital Cellular Kit (DigiCell Module)
- Advantor Suite for Networks (ASN) V5 sp6 or ASN V6

## TSK KEYPADS

- RS-485 interface to Infraguard II Panel
- Up to 8 TSK Keypads per Infraguard II Panel
- Text / Audible annunciation of system status
- Touchscreen for keypad code entry and command selection

OR

## INFRATOUGH TOUCHSCREEN KEYPADS

- RS-485 interface to Infraguard II Panel
- Up to 16 Touchscreen Keypads
- Text / Audible / LED annunciation of system status
- Digital touchscreen for keypad code entry and command selection



INFRATOUGH TOUCHSCREEN KEYPAD

