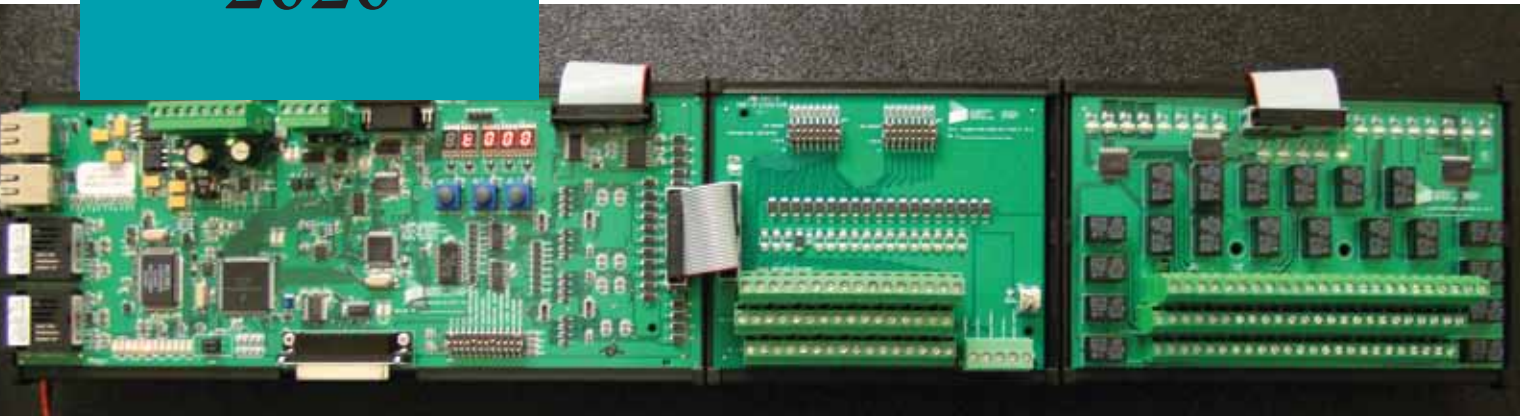


# INFINITY 2020



## ISC-VB VISION BOARD:

The 16 zone Vision Board monitors the Infinity 2020 system, analyzing signals sent by the sensors and weather station to precisely detect intruders and minimize false alarms.

Our IP addressable Vision Board is Ethernet ready with optional on-board fiber transceivers and cell phone reporting for all your communication needs. For larger perimeters each board is easily configurable to work with other Vision Boards.

There is a maintenance display with real-time zone voltage, zone calibration mode, and hardware address, making set-up, testing and servicing simple.

## ISC-SI SENSOR INTERFACE BOARD:

The high density, 16 zone Sensor Interface Board accepts the sensor line inputs from the field and passes these signals to the Vision Board. This provides isolation and protection to the Vision Board from lightning and other transients with DC surge suppression.

The multi-level terminal block and DIN-rail mounting allow easy access for termination of incoming wires. DIP switches simulate field termination resistors for unused inputs, saving installation time.

## ISC-RO RELAY OUTPUT BOARD:

With a robust Form C contact for each zone and LED indicators for active alarm relays, the Relay Output Board provides integration with other security systems. The addition of a daughter card makes outputs available in a central location, putting your contacts where you need them.

Together, the Vision Board, Sensor Interface Board and Relay Output Board make the Infinity 2020 the most modern, user-friendly electronic perimeter system in the industry.

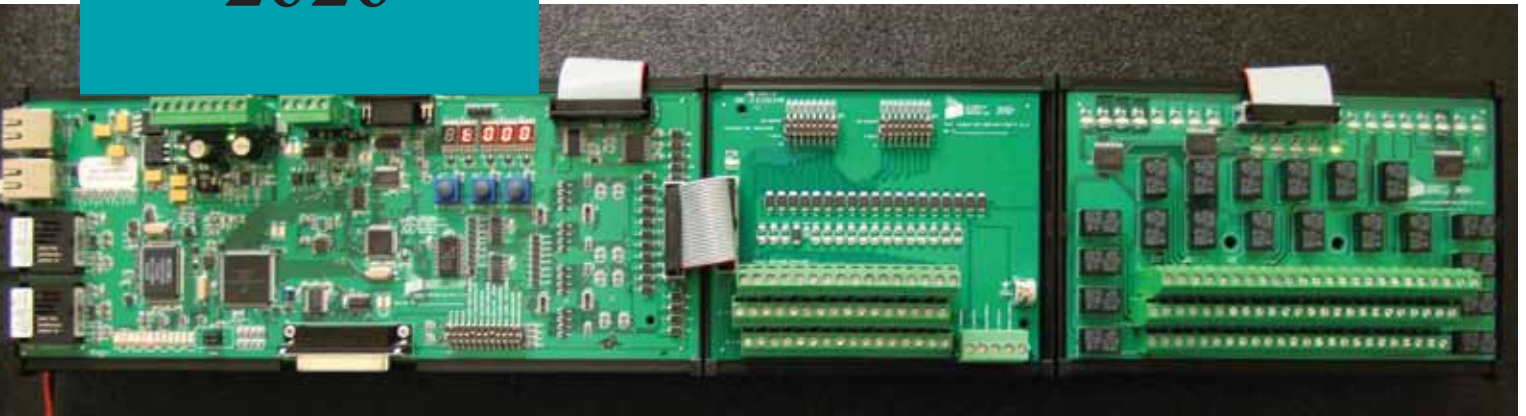


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# INFINITY 2020



## ISC-VB SPECIFICATIONS MASTER CONTROL MODULE

### Electrical:

**Power Consumption:** 12VDC @ .5 A (typ.)

### LAN Interfaces:

10/100 Base TX

- Autosensing (patch cable or cross-over)
- CAT5 or later
- RJ45 with transient voltage protection

10/100 Base FX (optional)

- Duplex Multi-mode SC Receptacle or
- Duplex Single-mode SC Receptacle
- Nominal wavelength: 1300 nm

### Physical:

(W x H x D) 11.7 in x 3.2 in x 4.7 in (approximate)

Operating Temperature: -40 to +85 degrees Celsius

## ISC-SI SPECIFICATIONS SENSOR INTERFACE MODULE

### Electrical:

#### Transient Overvoltage Protection:

The protector consists of a symmetrical voltage-triggered bidirectional thyristor. Overvoltages are initially clipped by breakdown clamping until the voltage rises to the breakover level (30V), which causes the device to crowbar into a low-voltage on-state condition. This low-voltage on state causes the current resulting from the overvoltage to be safely diverted through the device. Meets electrical safety standards listed under GR-1089-CORE.

### Physical:

(W x H x D) 5.2 in x 3.2 in x 4.7 in (approximate)

Operating Temperature: -40 to +85 degrees Celsius

## ISC-RO SPECIFICATIONS RELAY OUTPUT MODULE

### Electrical:

#### 20 Alarm Output Relay Contact Data:

#### Rated Load:

Resistive Load: 0.40 A at 125 VAC, 2 A at 30 VDC  
Inductive Load: 0.20 A at 125 VAC, 1 A at 30 VDC

**Contact Material:** Ag (Au clad)

**Carry Current:** 3 A

**Maximum Voltage:** 250 VAC, 220 VDC

#### Minimum Current:

Restrictive Load: 3 A (AC), 3 A (DC)  
Inductive Load: 1.50 A (AC), 1.50 A (DC)

#### Maximum Switching:

Restrictive Load: 50 VA, 60W  
Inductive Load: 25 VA, 30W

**Minimum Load:** 10 microamps, 10 mVDC

### Physical:

(W x H x D) 7.1 in x 3.2 in x 4.7 in (approximate)

Operating Temperature: -40 to +85 degrees Celsius



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