

# IRX II

## Audio & Video

Infrared Emitter Station II (IRX II) is Vantage's next generation in integration and A/V control products. The IRX II integrates the home theater or boardroom into a complete automation system and can control virtually any A/V device using previously programmed keypads, remote controls, touchscreens and time controls.

The IRX II can control simple to complex installations of A/V gear, using IR and RS232 with flow control. This product combines the Vantage Ethernet Bus and the Vantage Station Bus to make one of the most flexible products in the InFusion line today. The ability to use Ethernet or Station bus results in the IRX II adapting to any location, device interface or wiring infrastructure.

With the push of a button you can control your movie projector, audio system, DVD player, motorized projection screen, window coverings and more, making the IRX II an ideal solution for A/V control.

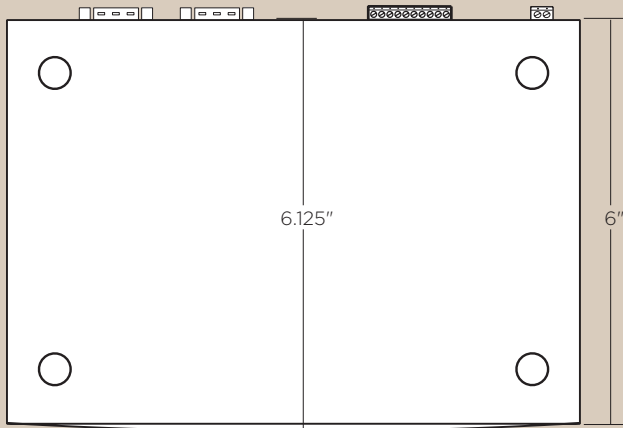
Vantage software contains a large library of IR and RS232 codes to easily facilitate the integration of new products through the IRX II. The IR Learner II is also available to learn and build additional codes using Driver Tools.



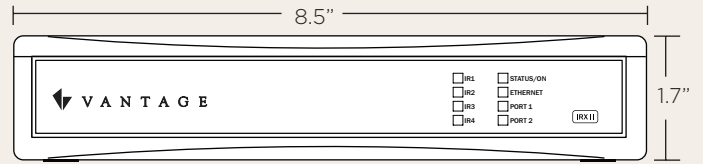
## Product Highlights

- Transmits signals to IR controllable devices
- Firmware upgrades by the way of Design Center software
- Uses 3rd party drivers built from Driver Tools software
- Integrates third party A/V components into the Vantage system using:
  - Four IR Channels/Eight Channels in Piggy Back mode
  - Two High speed RS232 ports
  - Software nulling of RS232 ports
  - Two low voltage relays
  - One built-in IR receiver
  - Two external IR inputs (one with Pass through)
  - Four contact inputs for additional sensors

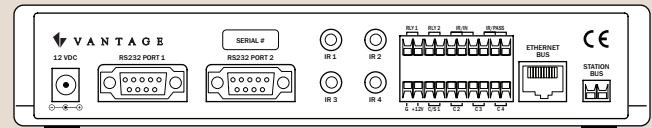
# IRX II



TOP VIEW



FRONT VIEW



BACK VIEW

## Specifications

### Dimensions, HWD

1.7" x 8.5" x 6.125"  
43mm x 216mm x 156mm

### General Specifications

|   |  |
|---|--|
| Model   | IRX II   |
| Weight  | 1.1 lbs /499 g   |
| Ambient Operating Humidity  | 5-95% non-condensing   |
| Ambient Operating Temperature   | 0-35° C (32-95° F)   |
| Contact Inputs  | 4  |
| Cooling   | Convection   |
| External 12V Power Terminals  | 500mA, combined total  |
| External Inputs for Vantage, Xantech or Niles Compatible IR Receivers | 2  |
| Internal IR Receiver  | 1  |
| IR Emitter Outputs Mono 3.5mm mini plug                               | 4 Channels/Piggy-Back allowing up to 8 Channels                      |
| Certification   | CE Certified Yes (•EN 55022 • EN 55024 •EN 61000-3-2 • EN 61000-3-3) |
| Low Voltage SPST Relays (One Amp Max. Each)                           | 2  |
| Mounting  | Rack-mount or wall-mount   |
| Power Requirements  | 120 or 240 VAC; 15 Amps; 50/60 Hz; Output 12 VDC @ 1.5 Amps          |
| RS-232 Ports  | 2  |
| Ethernet Bus Ports  | 1  |
| Station Bus Ports   | 1  |
| Station Bus Voltage   | 24V / 36V Station Bus  |
| Station Equivalent InFusion   | 0.36W on IC-24 / 0.54W on IC-36                                      |
| Status LEDs   | 10   |
| Station Bus Lightning / Surge Protection                              | Low Voltage ITU-T K.20   |

### Wiring Specifications

|                            |   |
|----------------------------|---|
| Ethernet Bus               | Standard RJ45 TCP/IP connection (Auto crossover detection)                            |
| Station Bus Wiring Minimum | 2 conductor, 16 AWG stranded, non-shielded twisted pair, 30 pF/foot max, UL rated CL2 |
| Station Bus Topology       | Any combination of daisy chain or star or branch or home run                          |

### Optional Accessories

- Rack mount for up to 2 IRX II (IRX II RACK)
- Wall mount for 1 IRX II (IRX II WALL)
- Remote Infrared transmitter (Q-EMITTER)
- Quad Sensor (QUAD-SENSOR)
- IR Isolator (IR-ISO-II)

### System Compatibility

InFusion