

INFRARED EMITTER STATION II

| IRX II

Integrates A/V and other systems using RS232 or IR

Large driver library in Design Center software allows for easier third party device integration

Ethernet connection allows for IRX II to be located without distance limitations within a project



Can be used to extend RS232

Can be connected to system via Station Bus or Ethernet

Description

Infrared Emitter Station II (IRX II) is a simple solution for integration and control of A/V products. Using the Legrand Architectural Dimming system, IRX II integrates the classroom or boardroom into a complete automation system and can control and integrate virtually any A/V device using programmed keypads, remote controls, touchscreens and time based controls. The IRX II can also be used to extend RS232 ports in a project using either the Station Bus or Ethernet.

Highlights

Integrate the Architectural Dimming system with A/V and other systems to create a seamless and automated control experience.

Operation

With the use of a keypad, touchscreen, or mobile app you can control your projector, audio system, motorized projection screen, window coverings and more, making the IRX II an ideal solution for A/V control. Design Center software, used for programming the system, encompasses a large library of IR and RS232 codes to easily facilitate the integration of systems and components through the IRX II.

Applications

The IRX II can control simple to complex installations of A/V gear, using IR and RS232 with flow control. This product combines an Ethernet Bus and the Station Bus, as system connection options, to make one of the most flexible products in the InFusion line. Ethernet or Station Bus connections results in the IRX II adapting to any location, device interface or wiring infrastructure. The IRX II can also be used to connected an Architectural Dimming system to a Digital Lighting Management system using the Wattstopper LMDI-100.

PROJECT		LOCATION/ TYPE	
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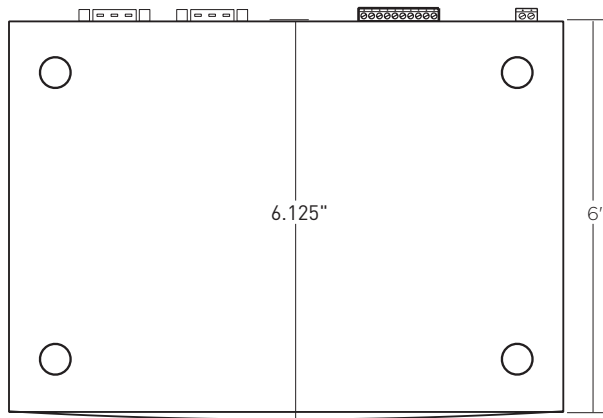
Features

- Integrates third party A/V components into the Architectural Dimming 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
- Transmits signals to IR controllable devices
- Firmware upgrades by the way of Design Center software
- Uses 3rd party drivers built from Driver Tools software

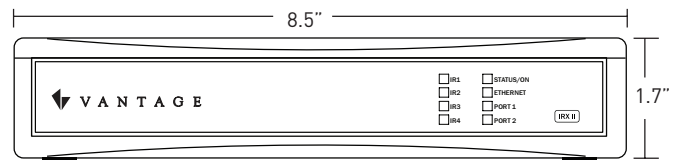
Specifications

- Dimensions (HWD): 1.7" x 8.5" x 6.125" (43mm x 216mm x 156mm)
- Weight: 1.1lbs (499g)
- Ambient operating humidity: 5-95% non-condensing
- Ambient operating temperature: 32-95°F (0-35°C)
- Contact inputs: 4
- Cooling: Convection
- Ethernet Bus: Standard RJ45 TCP/IP connection (Auto crossover detection)
- 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
- Power requirements: 120 or 240VAC; 15 Amps, 50/60 Hz; output 12VDC @ 15 Amps
- RS-232 ports: 2
- Ethernet Bus ports: 1
- Station Bus ports: 1
- 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, star, branch, or home run
- Station Bus voltage: 24V/36V
- 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
- System compatibility: InFusion

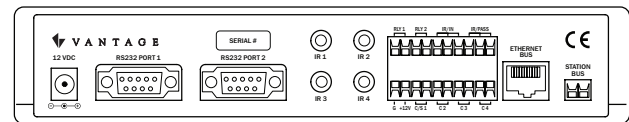
Installation and Wiring



TOP VIEW



FRONT VIEW



BACK VIEW

Ordering Information

Catalog #	Description	Voltage
<input type="checkbox"/> IRX II	Infrared Emitter Station II	120 or 240V 15Amp, 50/60Hz
<input type="checkbox"/> Q-EMITTER	IR Emitter for use with IRX II	
<input type="checkbox"/> IRX II RACK	Rack mount for up to 2 IRX II	
<input type="checkbox"/> IRX II WALL	Wall mount for 1 IRX II	
<input type="checkbox"/> QUAD-SENSOR	Quad Sensor - Provides four products in one by sensing AC current, analog video, digital video, and digital audio	