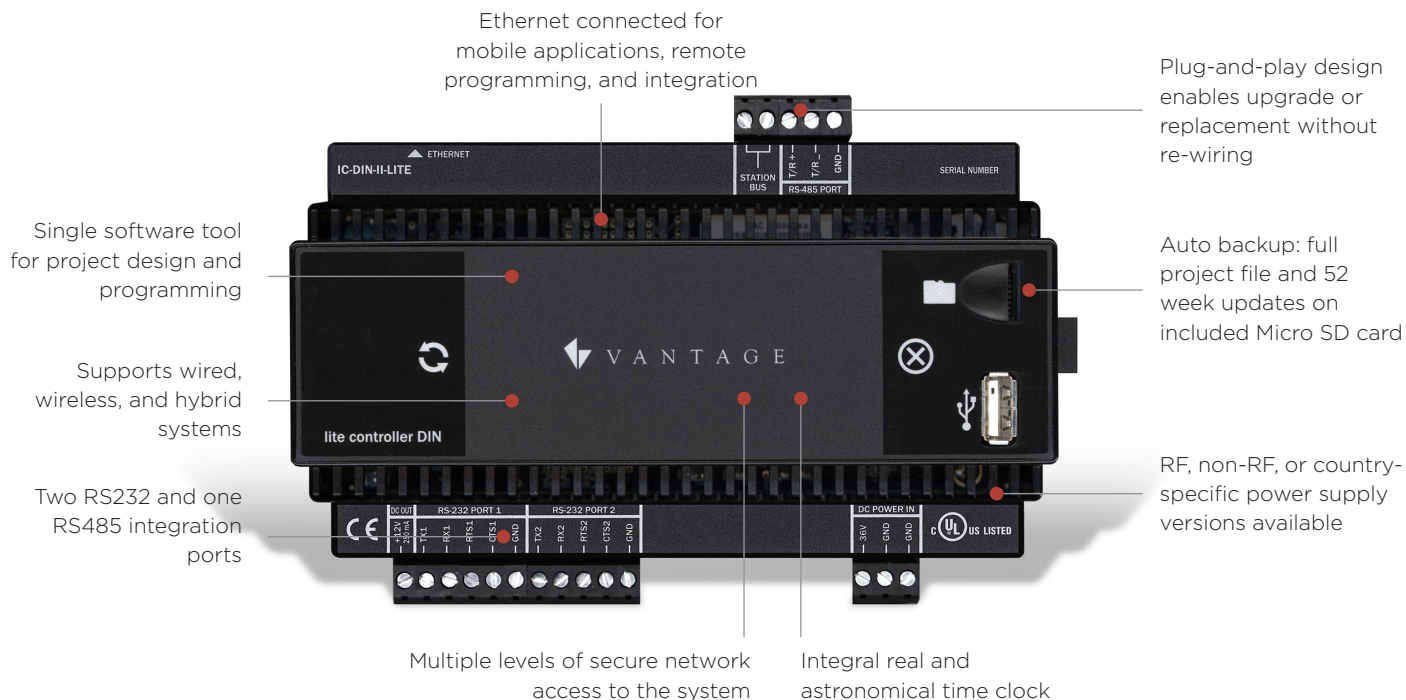




# INFUSION CONTROLLER DIN-II LITE

*controllers*

**IC-II-DIN-LITE**



## *product overview*

### **description**

The controller is the “main brain” of the system and is capable of supporting all Vantage user interfaces, including Equinox touchscreens. The InFusion Controller DIN-II-Lite possesses the required processor speed, RAM, and flash memory to meet the demands for delay-free control of integration systems.

While the system size may be smaller than projects with an IC-24-II or IC-36-II; user requirements will typically include control precision (where commands are completed instantaneously), real time feedback, a scalable system architecture, and programming for individual system personalization.

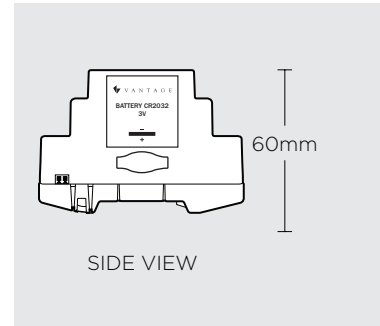
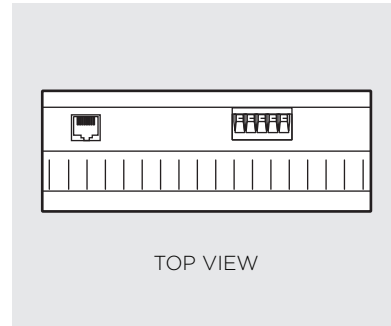
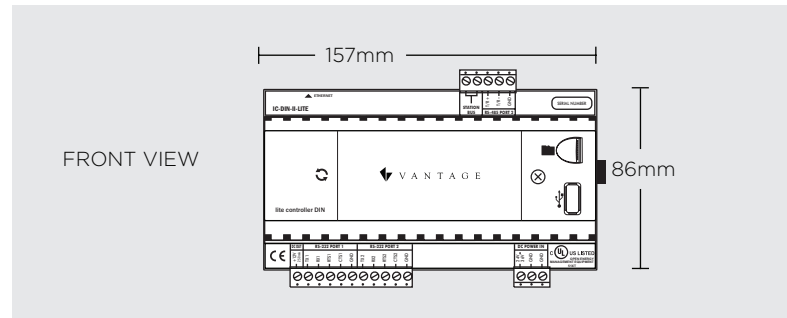
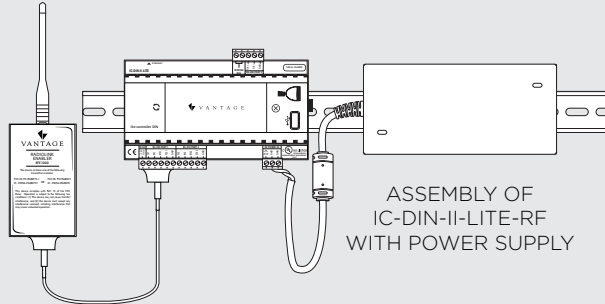
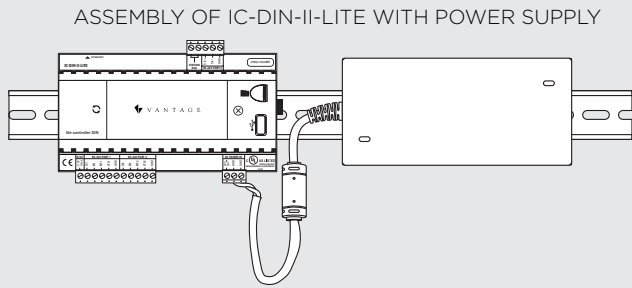
Most buildings incorporate a number of controlled subsystems, including shades, comfort control, security, audio/video, and more. The InFusion Controller provides seamless integration of the subsystems, enhancing the entire control experience.

### **operation**

The InFusion Controller DIN-II Lite is powered by an independent power supply, which also powers one station bus run. The IC-DIN-II-LITE uses a 36V (100W) power supply. One IC-DIN-II-LITE controller can support up to 20 WireLink stations or 15 Equinox 40 stations and up to 60 RadioLink stations. The system can be expanded by connecting to one additional IC-DIN-II-Lite or to IC-24-II or IC-36-II controllers.

Two RS232 and one RS485 ports per controller provide third-party device connectivity, while an Ethernet connection supports IP-connected devices.

PROJECT	<input type="text"/>
LOCATION/TYPE	<input type="text"/>



## highlights

Remote programming and firmware updates via Design Center software allows the system being run by the InFusion controller to be updated offsite. This way, system updates can be made immediately without appointment. Programming the system is more convenient and more accurate with this feature. In addition, the on-board SD memory card, containing the full system program, allows for fast system recovery in the event of a controller failure.

## features

- \* 35 mm DIN rail included for easy installs\*  
*\*Note: NEMA enclosure (not included) required*
- \* Two RS232 ports
- \* One RS485 port
- \* One station bus run - 305m/1,000ft of cabling max; no station more than 152m/500 ft from controller
- \* Same programming features as standard IC-II controllers
- \* Up to 20 low voltage stations or 15 EQ40 stations
- \* Up to 60 wireless stations
- \* Up to 20 Ethernet stations
- \* Design Center software connection through the local or remote network

## applications

The IC-DIN-II-LITE is ideal for smaller projects. It offers a very economical solution for meeting spaces, board rooms, theaters, small retail, restaurants, bars, classrooms, hotels, and much more. The IC-DIN-II-LITE is Title 24 compliant and is useful for any project that employs energy efficiency. Additionally, it is UL, CUL, and CE listed.

- \* No front panel display - interface through Design Center
- \* USB port (future features ready)
- \* Maximum two IC-DIN-II-LITEs per project
- \* Field upgradeable firmware and software
- \* Backup micro SD memory card containing full system program and updates
- \* IC-DIN-II-LITE ships with DIN rail, power supply, and appropriate power cord per region
- \* IC-DIN-II-LITE-RF also ships with RF enabler (RFE1000) and cable
- \* Can be integrated with larger solution using standard IC-II controllers

## specifications

### Dimensions (HWD)

3.4" x 6.18" x 2.375"  
86mm x 157mm x 60mm

### General Specifications

Models	IC-DIN-II-LITE	Americas region product
	IC-DIN-II-LITE-RF	Americas region product with RF enabler
	IC-DIN-II-LITE-EU	Europe region product
	IC-DIN-II-LITE-UK	United Kingdom region product
	IC-DIN-II-LITE-AU	Australia region product
	IC-DIN-II-LITE-BR	Brazil region product
Weight	417 g	
Mounting	35mm DIN rail (EN 50 022: 1977)	
Ambient operating humidity	5-95% non-condensing	
Ambient operating temperature	0-40°C (32-104°F)	
Cooling	Convection	
Lithium battery backup	Disk battery CR2032, 3Volt	
Power requirement	2.5 yrs. un-powered or 20 yrs. powered (field replaceable)	
Five year warranty	36VDC/2.75A	

### System Compatibility

The IC-DIN-II-LITE is compatible with IC-II controllers  
Maximum 2 IC-DIN-II-LITE controllers per project

### Ordering Information

CATALOG NO.	DESCRIPTION	VOLTAGE	MISC.
<input type="radio"/> IC-DIN-II-LITE	InFusion Controller DIN-II Lite - 36V	120-240V, 50/60Hz	Up to 20 low voltage stations or 16 EQ40 stations Up to 60 available wireless stations (RF enabler required) Up to 20 ethernet stations Appropriate power cord for region
<input type="radio"/> IC-DIN-II-LITE-RF	InFusion Controller DIN-II Lite - 36V	120-240V, 50/60Hz	Up to 20 low voltage stations or 16 EQ40 stations Up to 60 available wireless stations Up to 20 ethernet stations RF enabler (RFE1000) and cable
<input type="radio"/> IC-DIN-II-LITE	Americas region product		
<input type="radio"/> IC-DIN-II-LITE-RF	Americas region product with RF enabler		
<input type="radio"/> IC-DIN-II-LITE-EU	Europe region product		
<input type="radio"/> IC-DIN-II-LITE-UK	United Kingdom region product		
<input type="radio"/> IC-DIN-II-LITE-AU	Australia region product		
<input type="radio"/> IC-DIN-II-LITE-BR	Brazil region product		

## wiring diagram

