

A photograph of three glowing incandescent light bulbs in a dark, industrial-style setting. The bulbs are arranged vertically, with the top one being the brightest. The background is dark with some faint, wispy light patterns. The text "VANTAGE" is faintly visible in the background.

Vantage Lighting

Advanced Lighting Features For Today's Digital Lifestyle

lighting solution

overview

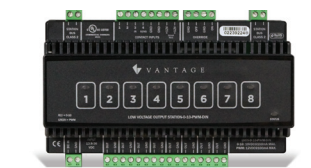
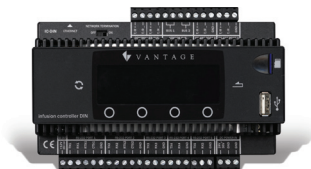
Architects and lighting designers have long understood the power of light and its ability to define, highlight, and transform a space. To manipulate lighting in such a way as to simultaneously evoke subtlety and complexity requires a serious understanding of its properties.

Lighting automation from Vantage provides professional designers with the tools to fully implement their designs, contractors with the powerful hardware to install and program, and users with the full enjoyment of their luxury spaces through intuitive interfaces.

DIN InFusion Lighting Solution

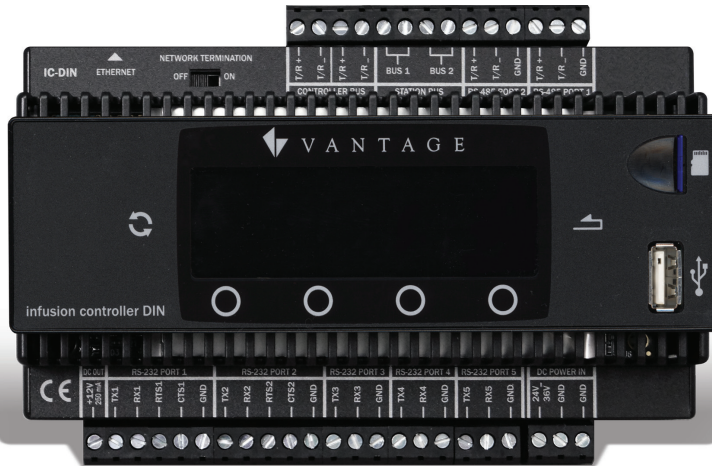
IC-DIN-II, SLDS4-1-DIN, ELDS4-1-DIN, LVOS-0-10-PWM-DIN, EQ73TB-TI-II,

The cornerstone products of Vantage's Din InFusion lighting system are the Din Controller, Dimming stations, additional auxiliary lighting devices and user interfaces.





lighting *core products*

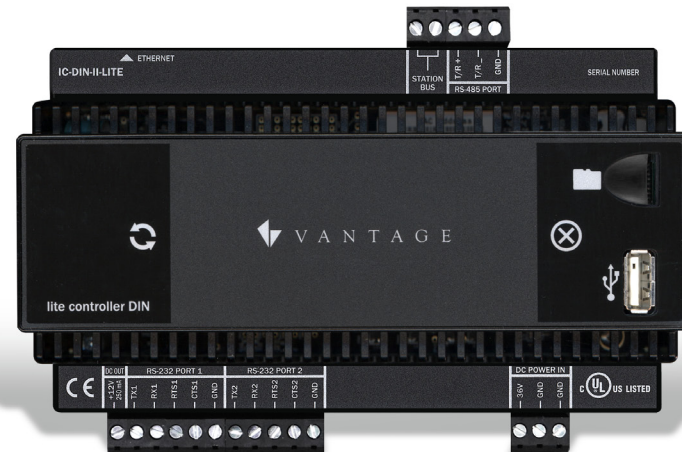


InFusion Controller - DIN IC-DIN-II

The InFusion Controller II in the DIN format offers a wide variety of benefits, with increased processor speed, RAM, and flash memory. This controller meets the demand for delay-free control of large, complex systems. One InFusion Controller can support up to 120 WireLink stations and 60 ethernet stations. Controllers can easily network to expand the system to 31 controllers. Five RS-232 and two RS-485 ports provide easy device connectivity while an Ethernet connection supports IP connected products.

InFusion Controller - DIN - LITE IC-DIN-II-LITE

The IC-DIN-II-LITE controller is a very cost competitive, entry-level solution for specific applications and is designed on the same platform as the IC-DIN-II controller. It includes a fast processor, two RS-232 ports, memory capacity to support complex automation challenges, built-in Ethernet jack and USB port. One InFusion Controller DIN LITE supports up to 20 WireLink stations, 16 EQ40s or 20 ethernet stations. It is designed to easily install on standard 35mm DIN rail.



dimming *technology*

Dimming Technology – From incandescent to LED light sources, Vantage systems are adept at controlling the widest range of light sources including support for forward and reverse phase source dimming requirements as well as low-voltage 0-10VDC, PWM, DALI and DMX control. Dimmer capacity is designed for both residential and commercial applications.

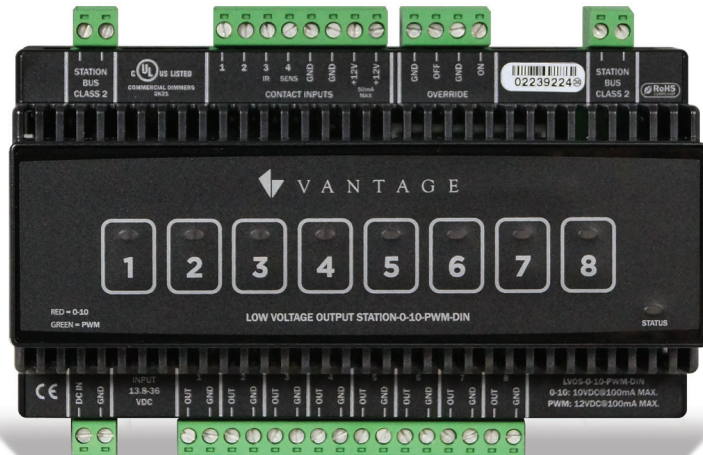
4 Load Dimming Module

ELDS4-1-DIN, SLDS4-DIN



The Vantage ELDS4-1-DIN, Dimming Station is a 4 channel dimmer that connects to the Vantage Control System. It is powered from a local line feed, and communicates with the system through the Vantage 2-wire station bus.

On the top of the SLDS4-DIN, Standard Load Dimming Station are six contact inputs used to receive input from buttons, motion sensors, door contacts, stress sensors, and more. Connections five and six can also be used to connect a Vantage remote IR receiver and a Vantage LightPoint sensor respectively.



LED and PWM Low-Voltage Dimmer

LVOS-0-10-PWM-DIN

The 0-10 PWM Low Voltage Output Station-DIN is used for the control and automation of LED, CLF and CCFL lighting loads requiring either 0-10 or PWM for dimming control. Each LVOS DIN features eight 0-10 outputs with four that can be turned into PWM outputs. The LVOS DIN is firmware upgradable in the field through its station bus, has four dry contact inputs with two additional override inputs and is powered by 13.8 to 36VDC. The dry contact inputs can be used with motion sensors, light sensors, pressure sensors, IR input, magnetic switches, and more.

lighting main *interfaces*



Five buttons viewable,
more on second level

Initiate scenes (on, off,
toggle, macro)

Text color indicates
scene activity

+/- Buttons and slider
automatically drawn for
dimnable scenes



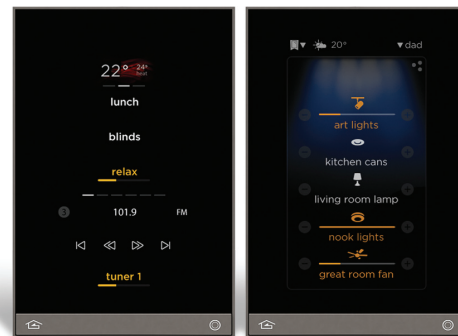
Widgets

Widgets for Equinox are designed to work specifically with Vantage's dimming and motor control system, so using these core products will guarantee the best possible lighting experience.



Standard Keypad

Our unique family of keypads and faceplate styles enhance the capabilities of the Vantage system and also provide a key element to the user experience.



Equinox 40 Digital Keypad and 41 Touchscreen

EQ40TB-TI-II and EQ41TB-TI

The Equinox 40 digital keypad and Equinox 41 touchscreen are beautiful wall-mounted interfaces for the InFusion lighting and automation system. They feature full color, capacitive touchscreens and dashboards for quickly accessing lighting, scenes, climate, music, and other Vantage widgets.

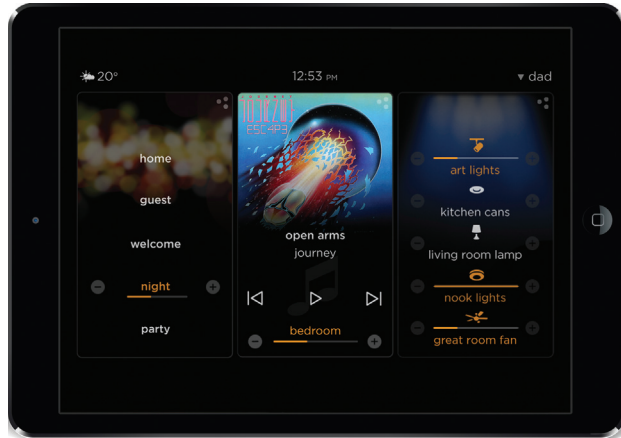
Equinox 73 LCD Touchscreen

EQ73TB-TI-II

The Equinox 73 touchscreen is a beautiful wall-mounted interface for the Vantage lighting and automation system. It features a full color, capacitive touchscreen and audio dashboard for quickly accessing all Vantage widgets.



apps

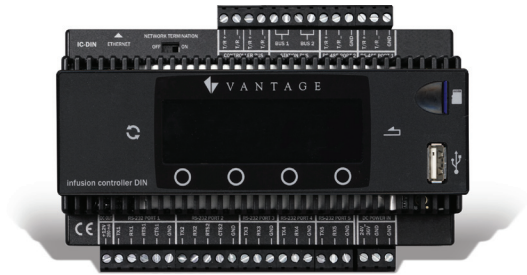


Equinox Apps

EQ-APP-5, EQ-APP-10, EQ-APP-X

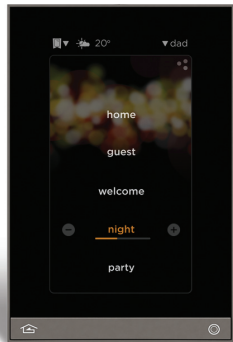
The Equinox app and accompanying in-wall touchscreens embodies the ideal user experience by providing a remarkably simple interface for managing luxury environments. With multiple system widgets available and three navigation levels,—the live dashboard, full-screen view, and edit mode—Equinox can dynamically personalize each iPhone, iPad, iPod touch, or mobile Android device for any profile.

lighting } *extra features*



Expansion

Engineered for expansion, with one controller, the centralized lighting system allows for up to 120 stations. Multiple controllers (up to 31), each with its own stationbus connection, 120 on bus, 60 on ethernet.



Equinox Scene Widget

Gives visibility into the home's lighting system through the rich, graphical user interface without over complicating things. It's "always on" and will grow and adapt with you.

- Incandescent
- LEDs
- Halogens
- Magnetic Electronic Low-Voltage



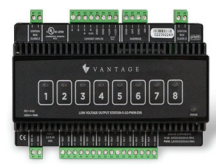
DIN DIMMER



DIN DIMMER ELECTRONIC



DIN RELAY

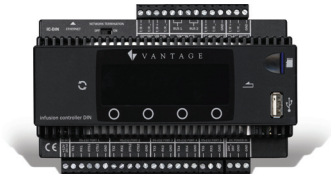


DIN LVOS

Variety and Flexibility

For those projects requiring DIN systems, Vantage provides multiple choices for dimming, high voltage and low voltage relays, contact input blocks, and more, the DIN system allows a high level of flexibility.

specifications



InFusion Controller - DIN
IC-DIN-II

Lithium Battery Backup

- Disk battery CR2032, 3Volt
- 2.5 yrs. un-powered or 20 yrs. powered (field replaceable)

Maximums

- Max Length of Each Controller to Controller Bus Network • 2,000 feet (609 meters) - Vantage specification wire
- 1,000 feet (304 meters) - CAT5 wire
- Max # WireLink Stations 36V • Up to 60 Stations each bus or until the independent 60W supply is used on each bus
- Max Wire Length Station Bus • 600 meters of cabling maximum on each station bus - No station more than 300 meters from Controller
- Max ethernet stations up to 60

Mounting

- 35mm DIN Rail (EN 50 022: 1977)

Power

- 36VDC/3A

Listings

- UL
- CUL
- CE

Station Bus Specification

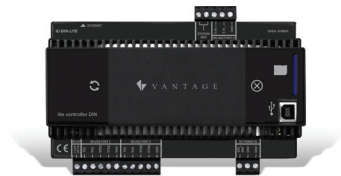
- 2 Conductor, 16 AWG (1,5 mm²) stranded, non-shielded twisted pair, 30 pF/foot (90m) max, UL rated CL2
- Should be separate a minimum of 18" (46 cm) from other parallel communication and/or high voltage runs
- Station Bus Power Supply with 200W/36VDC/5.5A source • One 60W independent power supply to each station bus
- Wire Configuration of Station Bus • Daisy chain, branch, star
- Wire Configuration C2C, IC Network • Daisy chain

Miscellaneous

- Weight • .92 lbs (417 g)
- Ambient Operating Humidity • 5-95% Non-Condensing
- Ambient Operating Temperature • 32-104°F (0-40°C)
- Manual Override • Load by Load Selectable
- Cooling • Convection

Dimensions, HWD

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



Lite Controller - DIN

IC-DIN-II-LITE

Lithium Battery Backup

Disk battery CR2032, 3Volt
2.5 yrs. un-powered or 20 yrs. powered (field replaceable)

Maximums

Max Length of Each Controller to Controller Bus Network •
300 feet (100 meters) - CAT5E wire
Max # WireLink Stations 36V • Up to 20 Stations or 16 EQ40s
on the bus - No station more than 300 meters from controller
Max ethernet bus station up to 20

Mounting

35mm DIN Rail (EN 50 022: 1977)

Power Requirement

36VDC/3A
Stationbus power 50 W

Dimensions, HWD

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

Listings

UL
CUL
CE

Station Bus Specification

2 Conductor, 16 AWG (1,5 mm²) stranded, non-shielded twisted pair,
30 pF/foot (90m) max, UL rated CL2

Should be separate a minimum of 18" (46 cm) from other parallel
communication and/or high voltage runs

Station Bus Power Supply with W/36VDC/3A source • One
60W power supply to station bus

Wire Configuration of Station Bus • Daisy chain, branch, star

Miscellaneous

Weight • .92 lbs (417 g)

Ambient Operating Humidity • 5-95% Non-Condensing

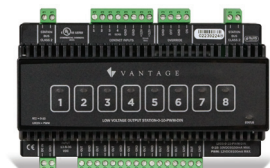
Ambient Operating Temperature • 32-104°F (0-40°C)

Cooling • Convection

System Compatibility

IC-DIN-II-LITE is only compatible with IC-DIN-II controllers.

Per project use maximum two IC-DIN-II-LITE controllers and for larger
projects use IC-DIN-II controllers.



LED and PWM Low-Voltage Dimmer

LVOS-0-10-PWM-DIN

Input Power

13.8 - 36VDC (not included)

Power Consumption

15W

LED Indicators

Microprocessor Status, Configuration, Load

Low-Voltage Outputs

(0-10) Low-Voltage Outputs • 4 up to 8
(0-10V @ 100mA Sink or Source)

PWM Low-Voltage Outputs • 4
Output Voltage • 12V (Source Only)
Output Current • 100mA Per Channel, 400mA Total
IEC 60929 Annex E Standard

Inputs

Auxiliary • 4 Dry Contacts
Override • 2 (On and Off Contacts)

Listings

UL
CE

Connections

Station Bus • 24V / 36V Station Bus

Station Equivalent InFusion • 0.35W on IC-DIN-II (24V) / 0.55W on IC-DIN-II (36 V)

Wiring Specifications

Can be wired using Station Bus

Station Bus Wiring • Minimum 2 conductor, 16 AWG (1,5 mm²) stranded, non-shielded twisted pair, 30 pF/foot (90m) max, UL rated CL2

Station Bus Topology • Any combination of daisy chain or star or branch Station Bus should be separated a minimum of 18" (46 cm) from other parallel communication and/or high voltage runs

Miscellaneous

Weight • 2lbs 8oz (1.13kg)
Mounting • DIN Rail

Operating Ranges

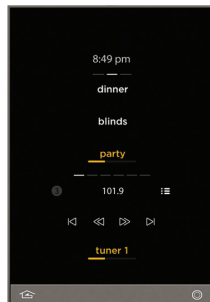
Operating Humidity • 5-95% non-condensing
Operating Ambient Temperature • 0-35°C (32-95°F)
Typical Control Accuracy • ± 1°F at 68°F / ± 0.5°C at 20°C

Dimensions, HWD

Station Only	3.4" x 6.18" x 2.28"
	86mm x 157mm x 58mm

Equinox 40 Digital Keypad

EQ40TB-TI-II



Display

4.3" Diagonal
Active Matrix Color LCD

Features

Up to 3 Swipable Pages
Single Layer Mini-Widget UI

Controls

Hard Buttons • 2 (1 Home, 1 Programmable)
Header Mini-Widget (Climate, Clock, Weather, None)
Scenes Mini-Widget
Audio Mini-Widget

Sensors

Proximity
Light (for Screen Brightness)

Connections

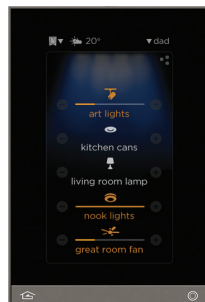
Station Bus • 1
Auxiliary • 1

Wall Dimensions

3.54"W x 4.72"H
90mm W x 120mm H
0.45"/ 11mm Off-Wall

Equinox 41 Touchscreen

EQ41TB-TI



Display

4.3" Diagonal
Active Matrix Color LCD

Features

Single Widget UI

Controls

Hard Buttons • 2 (1 Home, 1 Programmable)
Full Widgets:
Audio, Climate, Scenes, Lighting, Weather,
Video, Cameras, Security, Theater,
Pool/Spa, Shades, Timers

Sensors

Proximity
Light (for Screen Brightness)

Connections

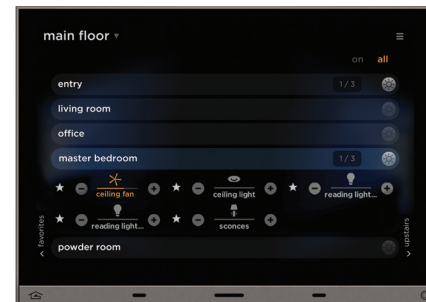
RJ45 (PoE) • 1

Wall Dimensions

3.54"W x 4.72"H
90mm W x 120mm H
0.45"/ 11mm Off-Wall

Equinox 73 Touchscreen

EQ73TB-TI-II



lighting full screen shown above

Display

7" Diagonal
Active Matrix Color LCD

Features

Triple Widget UI
Live Dashboard
Three Layer
Profiles for Users, Spaces, Functions and Time
Personalizable UI for Each User

Controls

Hard Buttons • 2 (1 Home, 1 Programmable)
Full Widgets:
Audio, Climate, Scenes, Lighting, Weather,
Video, Cameras, Security, Theater,
Pool/Spa, Shades, Timers

Sensors

Light (for Screen Brightness)

Connections

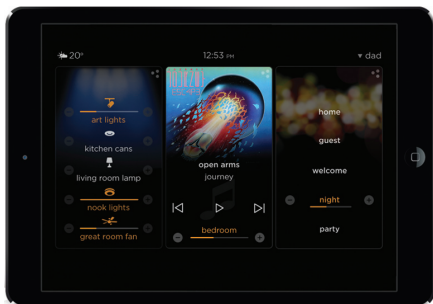
RJ45 (PoE) • 1

Wall Dimensions

8.54"W x 4.72"H
217mm W x 120mm H
0.45"/ 11mm Off-Wall

Equinox App - Tablet

EQ-APP-5, EQ-APP-10, EQ-APP-X



dashboard shown above

Compatibility

Apple, Android

Features

- Triple Widget UI
- Live Dashboard
- Three Layer
- Profiles for Users, Spaces, Functions and Time
- Personalizable UI for Each User

Controls

Full Widgets:
Audio, Climate, Scenes, Lighting, Weather,
Video, Cameras, Security, Theater,
Pool/Spa, Shades, Timers

Licensing

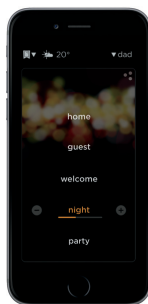
Device License: A device license allows a single device to be connected to a Vantage system

Multi-License: A multi-license enables any number of supported devices to function as an interface when they are connected to a single InFusion system



Equinox App - Phone

EQ-APP-5, EQ-APP-10, EQ-APP-X



scenes widget shown above

Compatibility

Apple, Android

Features

- Single Widget UI
- Live Dashboard
- Three Layer
- Profiles for Users, Spaces, Functions and Time
- Personalizable UI for Each User

Controls

Full Widgets:
Audio, Climate, Scenes, Lighting, Weather,
Video, Cameras, Security, Theater,
Pool/Spa, Shades, Timers

Licensing

Device License: A device license allows a single device to be connected to a Vantage system

Multi-License: A multi-license enables any number of supported devices to function as an interface when they are connected to a single InFusion system



related products

In addition to the core products, a complete Vantage lighting solution will also contain the products listed below.

Mini Motion Sensor 360°

5X2,5 - FLUSHMOUNT
FL-MSMINI360-5x2,5



Mini Motion Sensor 360°

10X5 - FLUSHMOUNT
FL-MSMINI360-10x5



Light & Motion Sensor 360°

FL-LS/MS 360-II



2-Wire Station Bus

VDA-0100 EU/IN







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M-B-AUDIO