

The background is a dark, moody composition. On the right side, there are several glowing incandescent light bulbs hanging vertically. To their left, there are wispy, ethereal smoke-like patterns in shades of yellow, orange, and white, creating a sense of movement and light. The overall aesthetic is modern and artistic.

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 architecture. To manipulate light in such a way as to simultaneously evoke subtlety and complexity requires a serious understanding of light.

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

InFusion Lighting Solution

IMPE-4-IC36, SDM12-EM, IC-36-I, EQ73TB-TI

The cornerstone of Vantage's InFusion lighting system are the InFusion Main Enclosure, Standard Dimming Module, the InFusion Controller and additional auxiliary lighting devices.





lighting main products

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



12 Load Dimming Module SDM12-EM

Vantage's InFusion Standard Dimming Module is a key component of Vantage's lighting control solution. The Dimming module is mounted in a Main or Secondary Power Enclosure and supports control of up to 12 standard (forward phase) loads with up to four line feeds and up to 64 total amps of load.



LED and PWM Low-Voltage Dimmer LVOS-0-10-PWM

The 0-10 PWM Low-Voltage Output Station is used for the control and automation of LED lighting loads requiring either 0-10 or PWM for dimming control. Each LVOS features four 0-10 outputs, four PWM outputs and four high-voltage relays.

retrofit main products



RF Enabler RFE-1000

The Vantage RadioLink Enabler is a wireless transceiver that adds radio frequency (RF) communication ability to a standard wired Vantage system. With RadioLink, small transceivers are built into the Vantage products offering automation for lighting, audio/video, draperies, blinds, security, heating, cooling and more. By connecting a RadioLink Enabler to an existing Vantage main controller, RF enabled keypads and other station devices are able to communicate with the system.

The Vantage RadioLink System provides an ideal solution for full retrofit projects where use of existing high voltage wiring is desired. A retrofit design with RadioLink utilizes wireless ScenePoint wallbox dimmer stations to directly control all lighting loads and to indirectly control any other load or device in the home or office.



ScenePoint Dimmer DS13TE-AWYA

The Wirelink ScenePoint station is a standard wall box dimmer that also connects to the Vantage system. It is powered by the local line feed, and may be pre-wired or replace a standard high-voltage wall switch. It also connects to the Vantage system with two-way communication for centralized control of the lighting circuit via the Vantage two-wire station bus.



AccentPoint Dimmer APDIM-GU

AccentPoint II Dimmer allows homeowners to independently control two plug-in devices, such as floor or table lamps, through the Vantage System. Connected via radio frequency, these devices can be controlled by commands received from Equinox touchscreens, keypads, timed events, remote controls, sensors and much more.

lighting main interfaces



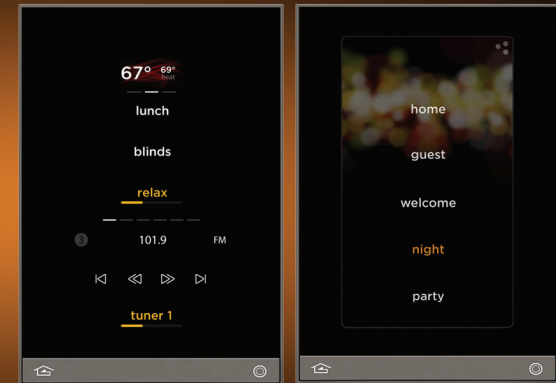
Widgets

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
KS-xxx

Our unique family of keypads and faceplate styles not only enhance the capabilities of the Vantage system but also provide a key element of the user experience.



Equinox 40 and 41 Digital Keypads
EQ40TB-TI and EQ41TB-TI

The Equinox 40 keypad and 41 touchscreen are beautiful wall-mounted interfaces for the InFusion lighting and dimming system. They feature full color, capacitive touchscreens and dashboards for quickly accessing lights and scenes.

Equinox 73 Touchscreen
EQ73TB-TI

The Equinox 73 touchscreen is a beautiful wall-mounted interface for the InFusion lighting and dimming system. It features a full color screen, capacitive touch screen and scene dashboard for quickly accessing lights. You can easily control all the lights in the room, in the home or both.



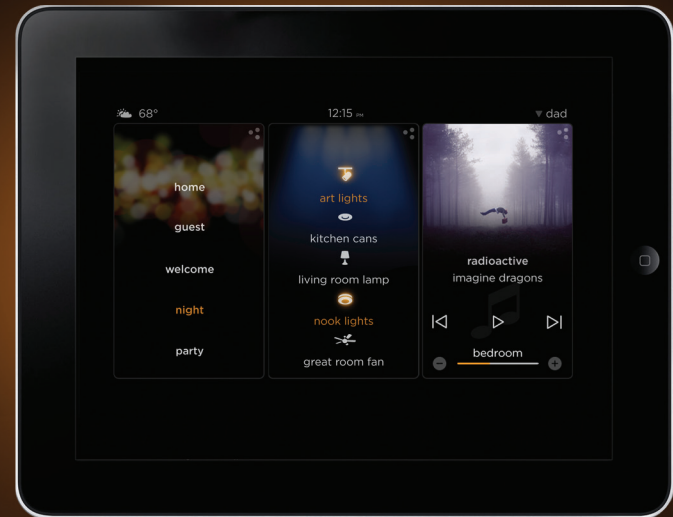
retrofit user interfaces



Equinox Apps

EQ-APP-5

The Equinox app and accompanying in-wall touchscreens epitomize 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™ and iPod Touch™ or mobile Android device for any profile such as person, area, function or time.



RadioLink Dimmer

RD13TE-BKYA

The Vantage RadioLink ScenePoint Dimmer is a standard wall box dimmer that also connects to the Vantage system through the RF control network. In existing structures RadioLink ScenePoint dimmer stations quickly install in the place of standard light switches without running new wires. The dimmer station is powered by the local line feed, and allow for incremental expansion of a system to accommodate almost any design or budget.

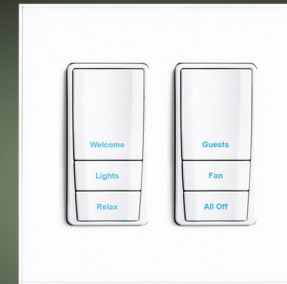


ScenePoint Relay

SR23PE-AWYA

The EasyTouch II ScenePoint relay station joins Vantage's premiere line of backlit stations. A ScenePoint Relay can replace a conventional toggle switch with a stylish, programmable station. Each button is evenly backlit with a three-color LED providing an array of color choices, lighting *only the lettering* on each button.

lighting extra features

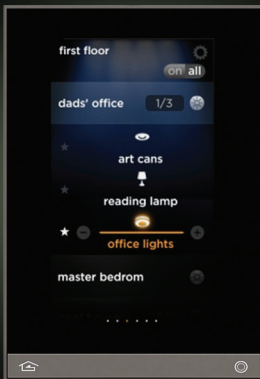


Expansion

Engineered for expansion, with one controller, the centralized lighting system allows for up to 28 modules and 336 loads. Multiple controllers (up to 15), each with its own seven enclosures, can be added together to create a super system.

Hybrid Solution

The Vantage Hybrid Control and Automation System provides the ultimate flexibility for installation in new construction, light to full remodel projects, and full retrofit opportunities. Utilizing elements of Centralized and Distributed Systems enables sophisticated control at the touch of a button in any construction scenario. This design is perfect for the end user who wishes to start with a more basic system and then enlarge it at a later date; and for extension of a centralized system to areas where it is difficult to run new wires.



Equinox Lighting Widget

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

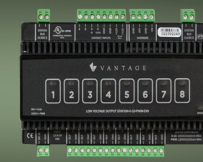
- Incandescent
- LEDs
- Halogens
- Magnetic Low-Voltage



DIN DIMMER



DIN RELAY



DIN LVOS



DIN ELECTRONIC DIMMER

Variety and Flexibility

For those projects needing a smaller system form factor but still wishing to maintain a precise lighting control solution and also utilize the variety of beautiful Vantage interfaces, the DIN (Deutsche Industrial Norm) system from Vantage provides a great option. With multiple choices for dimming, HV and LV relays, contact input blocks and more, the DIN system allows a high level of flexibility.

specifications

Dimming Module SDM12-EM



Loads

12 Per Module, 48 Per 4 Module Enclosure

Load Types

Incandescent
LED
Fluorescent
Magnetic Low-Voltage
Cold Cathode
HID
Constant Speed Motors

Power

4 Line Feeds @ 20 A (max)
Module • 64A (7680W@120V)
Load • 16A (1920W@120V)
Min Load • 5W@120V / 12W@277V
Voltage • 20-277V ~ 60/50Hz

Protection

Fuse Per Line
MOV Surge
Thermal Shutdown
Short Circuit
Snubber Circuit
Lightning Surge High-Voltage, IEEE C62.41; (6000V & 3000A)
Lightning Surge Low-Voltage, ITU-T K.20
Chokes • 12 EMI Suppression

Status Indication

Line Power
Fuse Status
Load Power
Over Temp
Microprocessor
Manual Override
Overload

Miscellaneous

Weight • 5.7 lbs (2.6 kg)
Ambient Operating Humidity • 5-95% Non-Condensing
Ambient Operating Temperature • 32-104°F (0-40°C)
Manual Override • Load by Load Selectable
Cooling, Convection • 36" Front Clearance

Listings

UL
CUL
SCCR, 65KA
Title 24 Compliant

Dimensions, HWD

7.63" x 9.44" x 3.75"
194mm x 240mm x 95mm

LED and PWM Low-Voltage Dimmer

LVOS-0-10-PWM



Input Power

Universal • 120-277VAC, 50-60Hz

Power Consumption

16W

LED Indicators

Microprocessor Status, Configuration, Load

Low-Voltage Outputs

(0-10) Low-Voltage Outputs • 4

(0-10V @ 100mA Sink or Source)

Output • 50@ 2mA Per Load, Typical

PWM Low-Voltage Outputs • 4

Output Voltage • 12V (Source Only)

Output Current • 100mA Per Channel, 400mA Total

IEC 60929 Annex E Standard

High-Voltage Outputs

High-Voltage Relays (120-277VAC) • 4

General Purpose Load Rating • 10A

Incandescent Load Rating • 5A

Inputs

Auxiliary • 4 Dry Contacts (3 and 4 may be for an IR Receiver and Light Sensor respectively)

Override • 2 (On and Off Contacts)

UL/CE Listed

Yes

Connections

Ethernet Bus • RJ45 - Auto Crossover Detection 10/100

Station Bus • 24V/36V Station Bus

Station Equivalent InFusion • 0.35W On UC-24 / 0.55W On IC-36

Wiring Specifications

Can be wired using either Ethernet Bus or Station Bus

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 or branch – Station Bus should be separated a minimum of 18" from other parallel communication

Miscellaneous

Weight • 5.85 lbs (2.65 kg)

Operating Ranges

Operating Humidity • 90% Non-Condensing

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

Typical Control Accuracy • $\pm 1^\circ\text{F}$ at 68°F / $\pm 0.5^\circ\text{C}$ at 20°C

Dimensions, HWD

Station Only 3.32" x 10.34" x 2.667"

84mm x 263mm x 68mm

Wallbox 9.0" x 10.5" x 2.75"

229mm x 267mm x 70mm

specifications

ScenePoint Dimmer DS13TE-AWYA (Shown)



Loads

12 Per Module, 48 Per 4 Module Enclosure

Load Types

Incandescent
Magnetic Low-Voltage
Forward Phase Fluorescent Dimming Ballasts
Non-Dimmable Fluorescent Ballasts (Relay Mode Only)
Neon
Cold Cathode (lpf)
HID

Maximum Load

5A (600W @ 120V) or 5A (1200W @ 240V)

Minimum Load Required

15W

Power

Voltage • 120/240 V - 60/50 Hz

Protection

Zero Cross Built-In Arc Suppression
Lightning Surge High-Voltage • IEEE C62.41; (6000V & 3000A)
Lightning Surge Low-Voltage • ITU-T K.20

Backlit Buttons

Color LEDs • 3

IR Receiver

Yes • Built-In/Standard

Safety Off Switch

Load by Load Selectable

Station Bus Specification

24V/36V Station Bus
2C 16AWG, Non-Shield, <30pF Per Foot - Station Bus
should be separated a minimum of 12" from other parallel
communication and/or high-voltage runs

Miscellaneous

Weight, 4.9 oz (139 g)
Ambient Operating Humidity • 5-95% Non-Condensing
Ambient Operating Temperature • 32-95°F (0-35°C)
Manual Override • Load by Load Selectable
Cooling, Convection • 36" Front Clearance
Station Equivalent • 0.36W on IC-24 0.54W on IC-36

Station Wiring Configuration

Daisy-Chain/Star/Branch

Status Indicator

Microprocessor Status LED

Listings

UL
CUL

Dimensions, HWD

4.3" x 2.5" x 1.38"
109mm x 64mm x 35mm

Equinox 40 Digital Keypad EQ40TB-TI



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)
Scenes Mini-Widget
Audio Mini-Widget

Sensors

Proximity
Light (for Screen Brightness)

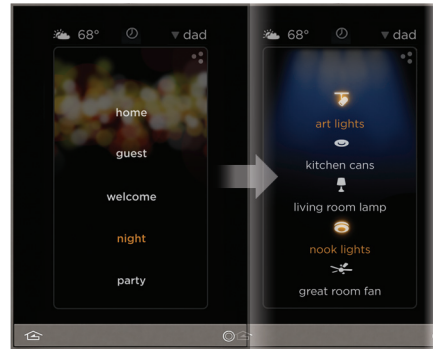
Connections

Station Bus • 1
Auxiliary • 1

Wall Dimensions

3.54"W x 4.72"H
0.45" Off-Wall

Equinox 41 LCD Touchscreen EQ41TB-TI



scenes and lighting widget shown above

Display

4.3" Diagonal
Active Matrix Color LCD

Features

Single Layer Widget UI

Controls

Hard Buttons • 2 (1 Home, 1 Programmable)
Full Mini-Widgets:
Audio, Climate, Scenes, Weather, Video,
Cameras, Security, Energy, Theater

Sensors

Proximity
Light (for Screen Brightness)

Connections

RJ45 (PoE) • 1

Wall Dimensions

3.54"W x 4.72"H
0.45" Off-Wall

LED & DMX Lighting Partners



LED

AltLED
Cree
Color Kinetics
Damar
DMF Lighting
Element
Elite
GM
Halo
Havells Sylvania
Imtra
Innovative
Juno
LEDNovation
Lightolier
Liton
No8
Phillips
Progressive Lighting
Prolume

LED (continued)

SSL
Soraa
Sylvania
Toshiba
USA Illuminations
WAC Lighting
Xicato

DMX

Color Kinetics
Converging Systems
InterfacePoint, Vantage

Equinox 73 Touchscreen EQ73TB-TI



lighting widget shown above

Display

7.1" Diagonal
Active Matrix Color LCD

Features

Three Layer UI (Dashboard, Full Screen, Edit Mode)
Profiles for Users, Spaces, Functions and Time
Personalizable UI for Each User

Controls

Hard Buttons • 2 (1 Home, 1 Programmable)
Full Mini-Widgets:
Audio, Climate, Scenes, Weather, Video,
Cameras, Security, Energy, Theater

Sensors

Proximity
Light (for Screen Brightness)

Connections

RJ45 (PoE) • 1

Wall Dimensions

8.54"W x 4.72"H
0.45" Off-Wall

Equinox App - iPad EQ-APP-5, EQ-APP-10, EQ-APP-X



scenes widget shown above

Compatibility

Apple, Android

Features

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

Controls

Full Mini-Widgets:
Audio, Climate, Scenes, Weather, Video,
Cameras, Security, Energy, Theater

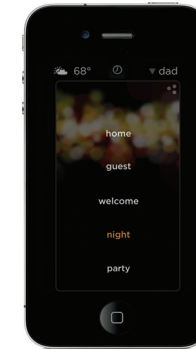
Licensing

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



scenes widget shown above

Compatibility

Apple, Android

Features

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

Controls

Full Mini-Widgets:
Audio, Climate, Scenes, Weather, Video,
Cameras, Security, Energy, Theater

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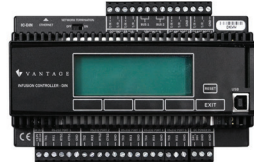
related products

In addition to the main products featured on page three; a complete Vantage lighting solution will also contain the products listed below.

InFusion Controller
IC-36-1



InFusion DIN Controller
IC-DIN



Enclosure
IMPE-4-IC24



2-Wire Station Bus
DA1458



Equinox Apps
EQ-APP-5, EQ-APP-10,
EQ-APP-X



Living Perfection  V A N T A G E

1061 South 800 East
Orem, Utah 84097
800.555.9891
801.229.2800
801.224.0355 fax

Vantage EMEA nv/sa
Binnendijk 40
B-9130 Beveren
Belgium
+32 3 773 31 06

www.vantagecontrols.com

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