Vantage Lighting
Advanced Lighting Features For Today's Digital Lifestyle
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-36-1, EQ73TB-TI

The cornerstones of Vantage’s InFusion lighting system are the InFusion Main Enclosure, Standard Dimming Module, the InFusion Controller and additional auxiliary lighting devices.
From incandescent or halogen to LED, Vantage systems are adept at controlling the widest range of light sources. Dimmer capacity is designed for both residential and 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.
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.

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.

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 communication, these devices can be controlled by commands received from Equinox touchscreens, keypads, timed events, remote controls, sensors and much more.
lighting system 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
K5-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-T1

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 lighting system 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 system that is scalable to meet the most demanding project requirements.

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

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.

Variety and Flexibility
For those projects needing a smaller control 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 • ± 1°F at 68°F / ± 0.5°C at 20°C

Dimensions, HWD
Station Only • 3.32” x 10.34” x 2.667”
Wallbox • 9.0” x 10.5” x 2.75”
84mm x 263mm x 68mm
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
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

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

DMX
Color Kinetics
Converging Systems
InterfacePoint, Vantage

LED (continued)
SSL
Soraa
Sylvania
Toshiba
USA Illuminations
WAC Lighting
Xicato
Equinox 73 Touchscreen
EQ73TB-TI

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

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

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

Available on the App Store
Available on the Android Market
related products

In addition to the core 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