VANTAGE

Integrated Shading

Advanced Shading Solutions for Connected Spaces, Featuring

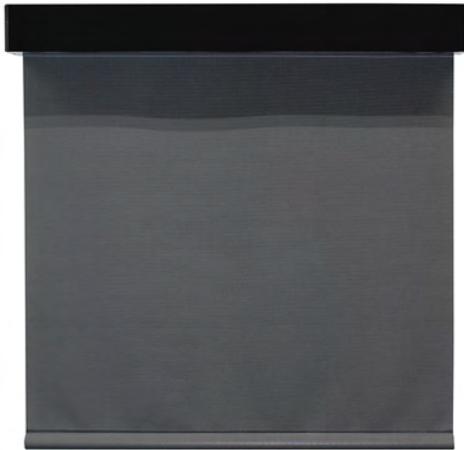## Qmotion®

shading solution }
overview

The Vantage® shading solution incorporates fine-tuned integration with QMotion® shades so the two work together flawlessly as a single entity. Vantage InFusion Controllers, Equinox user interfaces, and QMotion Qadvanced shades deliver an automated shading and lighting solution unmatched by any other.

QMotion Shade
options

QMotion shades come in a wide variety of styles and fabric options, so you'll never have to compromise integration for style. All automated shades can be controlled via remote, smart phone, keypad, Equinox touchscreens, or with QMotion's exclusive manual override feature. Unlike traditional roller shades, QMotion's manual override does not strip the motor.

Automated Roller Shades

QMotion's designs deliver sophisticated automated shades that offer both ease of use and dependability. Choose from shades in a wide range of colors and styles.

Automated Honeycomb Shades

Qadvanced Automated Honeycomb shades are elegant, energy-efficient, and are also available in a wide range of colors. In addition to the elegant collection of functional and attractive fabrics, automated Honeycomb Shades come with one of nine color coordinated headrail covers and bottom rails.

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shading system
interfaces

Shade Widget

Live graphic animation indicates activity and position

"Press" the discovery dots for more information about shades in the 2nd or full screen level

Full close

Shade group buttons and controls; Full open

Favorite preset positions

Current shade group

family shades

The Equinox shade widget allows the end user to control and see the status of every connected shade from anywhere in the world. In edit mode, users can add, edit, or delete shading level presets, allowing further personalization for the end user and a reduction in setup and servicing time for the installer.

Equinox 41 and 73

Equinox 41 and 73 enable users to enjoy the highest level of shade control and personalization. Shade levels can be viewed, adjusted, or edited from any screen, and shade widget graphics reflect live feedback.
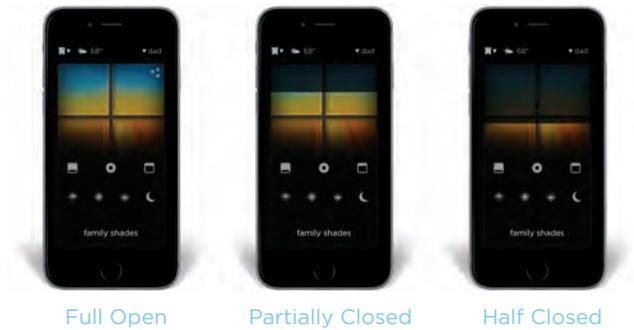
EasyTouch II

Vantage's EasyTouch II keypad offers a one-button solution for shade control. With Design Center version 3.7 or higher, assign any individual button to raise, stop, and lower a shade or shade group.
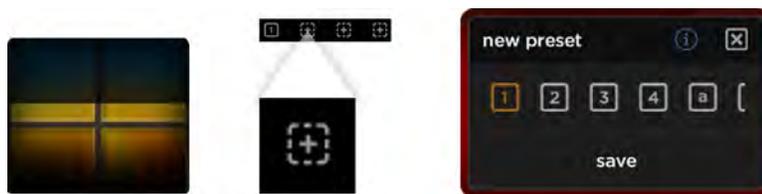
Equinox 40

Equinox 40 keypads allow users to raise, lower, or stop shades or shade groups by a single touch or to send shades to full open or close with discreet +/- buttons.

shading system *highlights*

| Full Open | Partially Closed | Half Closed |

Animation

Live graphical animation on Equinox 41, 73, and apps displays current shade levels and will move in sync with QMotion shades while they're being raised or lowered.

1 Set shades to the desired position

2 Press the + preset button

3 Choose your preset icon

Presets

Shade level presets provide the end user with the ability to dynamically set and save shade or shade group levels on their Equinox 41, 73, and apps scene widget for fast access to favorite shading scenes.

Battery Level

On Equinox 41, 73, and apps, users are alerted when shade battery levels reach thresholds. With two settings for battery level thresholds (one dealer defined and the other pre-programmed at 25%) users and dealers are notified in advance to replace the battery before optimal performance is jeopardized.

1-Button Scenes

On Equinox 40 (EQ40) and EasyTouch II keypads, program 1-button shade control to enable users to raise, lower, and stop their shades all from a single button. And as an additional function on EQ40, users can use discrete +/- buttons to send shades to full raise or full lower positions.

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main products for
new construction

Automated shading solutions provide a variety of benefits for home and work environments. In the building phase, new construction solutions allow for installation efficiencies through prewired shading and lighting, while establishing solid communication between InFusion Controllers and shades.

InFusion Controller

Vantage's InFusion Controller enables communication between keypads, touchscreens, and shade motors or shade groups, allowing immediate feedback.

QIS

QMotion's Qadvanced Intelligent System (QIS) for hardwired motorized shades uses simple Cat5e/Cat6 infrastructure, providing an ideal solution for new construction applications. Deliver a completely integrated, hardwired lighting and shading system for new construction projects by coupling QIS shades with Vantage's centralized lighting solution.

Hardwired Shades

QMotion hardwired shades utilize standard Cat5e or Cat6 cables, allowing easy installation and two-way communication. No electrician required.

main products for
retrofit }

Retrofit shading solutions are ideal for already established homes or office spaces. Since Vantage and QMotion's wireless communication protocols work seamlessly to provide reliable connections to all retrofit shades, the decision to add automated shading in a retrofit application doesn't include the concerns often associated with wireless control.

QMotion battery powered shades offer exceptional battery life, a wide range of sizes, and quiet operation.

Range Extender

QMotion's range extender enables wireless shading ranges to be extended 30 feet* beyond their usual reach and strengthen the ZigBee mesh network. Adding a QMotion range extender to a project can enable up to 95 shades per Qube.

*subject to local conditions

Qube

With two way wireless communication between Qadvanced shades and the Qube Coordinator, via ZigBee Home Automation 1.2, and a hardwired connection between the Qube and InFusion Controller, enjoy flawless integrated control.

Shade Motor Tube

QMotion battery-powered shades offer exceptional battery life, a wide range of sizes, and quiet operation. With a patented design, batteries insert directly into the shade motor tube where the motor is also housed, giving it a sleek appearance and making shade installation and management simple.

shading
extra features

For flawless integration, Vantage and QMotion have developed several key products and features that facilitate uncomplicated set up and programming, while delivering an unmatched user experience.
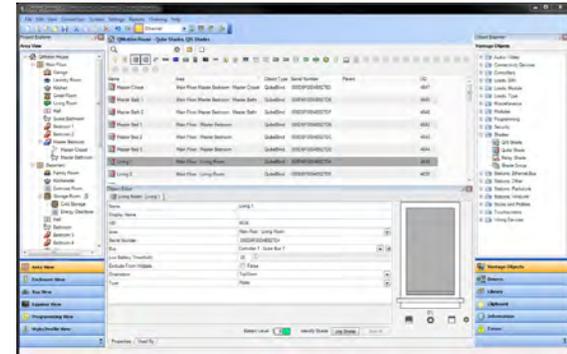
Native Qube and QIS Shade Programming in Design Center

With Design Center version 3.7 or later, enjoy features like automatic shade identification for faster and easier programming of shades and shade groups.

QMotion Ease of Installation and Service

From start to finish, installing QMotion shades has been optimized for dealer ease and efficiency. QMotion bracketing installs in one piece, allowing for quick installation and easy commissioning, and homeowner overrides are made possible with the Patented Manual Override feature. For new construction shade installation, hardwired QIS shades utilize one standard Cat5e or Cat6 cable for both power and communication. For retrofit applications, battery replacement is made simple with access through the shade tube wall.
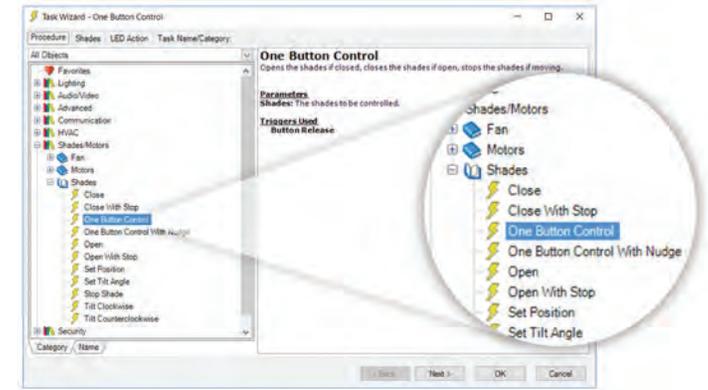
Expansion

QMotion's power and communication panel for wired shading systems is capable of controlling eight devices, shades, and wired remotes per panel. Control up to 200 devices on a complete QIS system by linking the power panels together. With a combination of wired or wireless shades, further expansion is possible.
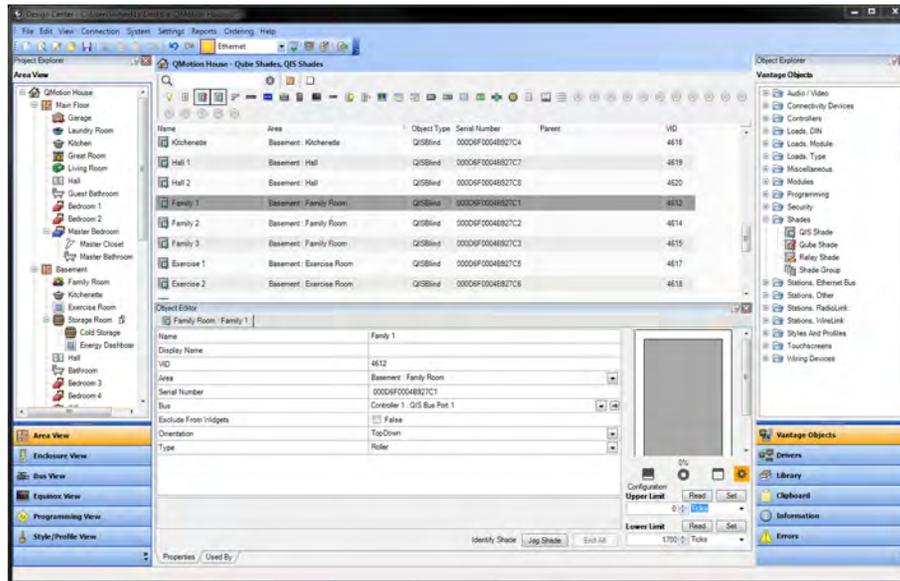
Auxiliary Enclosure

The InFusion Auxiliary Enclosure (IAUX-*) for QIS installs provides an organized and consistent solution for mounting QIS power blocks. It provides dealers with a simple way to keep wiring organized within an enclosure, and the matching aesthetics between Vantage lighting enclosures and Vantage Auxiliary Enclosures deliver a clean solution for the homeowner.

design center
features

Design Center offers several features that allow dealers to program QMotion shades simply and efficiently, resulting in savings of time and money. Not only does DC enable quicker and easier programming, it makes setting up complex lighting and shading systems fast and intuitive.
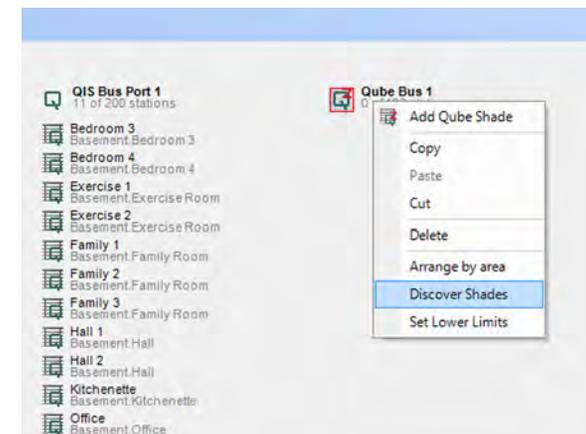

1-Button Shade Control

Now, with Design Center version 3.7 or later, the time consuming process of complex programming to enable 1-button shade control has been greatly simplified, allowing you to program 1-button control quickly and easily.

Live Updating and Syncs in Seconds

Programming edits happen in seconds. No more waiting for system updates; they happen in real time.

Automatic Shade Read In

Design Center will automatically import shade serial numbers into your project, so you don't have to manually enter each address.

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design center
highlights

Design Center Battery Level

For shading systems using the QMotion Qadvanced with ZigBee HA 1.2, battery level alerts can be viewed from Design Center and Equinox 41 and 73 touchscreens.
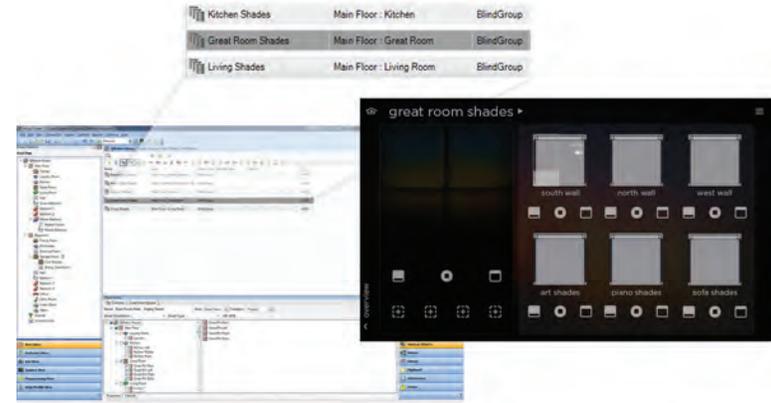

Battery level displayed in white indicates the shade motor battery is above the threshold. The battery level does not show if at or above the threshold warning.

Battery level displayed in yellow indicates the shade motor battery level has fallen into warning level. As shown, the threshold can be edited in Design Center. Additionally, at this level, shade motor performance will begin to drop.
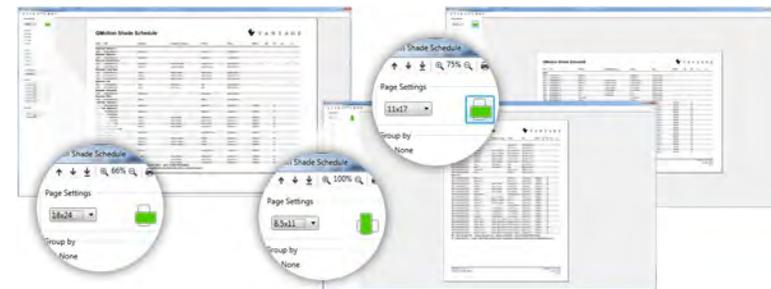

Battery level displayed in red indicates the shade motor battery has reached critical level. At this point, the shade motor is not expected to perform at its peak status.

Groups

Set up groups and super groups in Design Center to control individual shades, a cluster of shades, or an entire wall, floor, or building, then assign them to corresponding keypads or touchscreens so users have one-button control. Groups provide the ultimate flexibility in shade management because they enable users to control scalable collections of shades.

Reports

With Design Center 3.7 or higher, shade reports can be shown and printed in landscape view, allowing columns to be widened to show more detail per column. Shade schedules can also be printed in 11x17 and 18x24 sizes, allowing more shade information to show up per sheet. For organizational purposes, shade schedules can be split by physical areas (i.e. floors, rooms, etc.) and by type (wired, wireless).

specifications

Qube Coordinator

Features
    Controls Qadvanced with ZigBee HA 1.2 roller and Honeycomb shades

Support
    Supports up to 32 devices per Qube or 95 devices maximum per ZigBee HA 1.2 network if using Range Extenders

Dimensions
    2"W x 2"H x 1"D

Power and Communication Panel
Qadvanced Intelligent System (QIS)

DC Output
    24 Volts, 7.5 Amps

AC Input
    100-240 V ~ 2.5 Amps

RJ-45 Ports
    For motorized shades and switches - 8

Communication Ports (RJ-45)
    2

Dimensions
    8"W x 8"H x 2"D

QIS Shade Motor

Protection
    RFI protection - 2 Chokes
    Protection class - IP40

Motor
    RJ45 • 1

Gear Ratio
    39.7:1

Magnet Poles
    6

Expected Operating Voltage
    4.5

Rated Motor Voltage
    12

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Honeycomb Qadvanced

Features

- Dual operation for manual and remote control
- Color coordinated head and bottom rails
- Headrail faceplate removes for battery access
- Uses standard D cell batteries
- Battery life expectancy up to 3 years
- Easy battery replacement
- Designed to be easily upgraded in the field

As an added convenience to our customers, QMotion supplies the batteries inside the headrail, which saves time on installations and eliminates the added costs of batteries for your new automated Honeycomb or roller shades.

Qadvanced Roller Shades

Battery

Battery powered QMotion shades offer the same benefits as hardwired shades and add the ability to install in difficult situations as well as function in the absence of electrical supply. QMotion battery operated shades utilize standard D cell batteries that are tucked away inside the shade tube. There are no visible battery packs or wires to hide or see.

Hardwired

QMotion Qadvanced Intelligent System Shades deliver a robust and dependable control system. Shades may be controlled by Vantage keypads or Equinox touchscreens and apps, QdR remote with ZigBee HA 1.2 protocol, single or double hardwire wall switches, and even by hand.

Shades can be operated and programmed using tug commands without damaging the motor. QMotion offers a wide range of colors, fabrics, and attractive and functional installation accessories, including fascia and side channels.

Shading Partners

While Vantage integrates closely with QMotion, a brand of Legrand, we also partner with the above shade motorization companies for driver-based control.

EasyTouch II Keypad

KS1E-BK

Station Bus Connection
2 conductor, 16 AWG stranded,
non-shield, <30pF/foot
Active matrix color LCD

Backlit Buttons
Color LEDs • 3
Auto LED intensity • Built-in/standard

Station Equivalent
24V 3 buttons count as 0.6 Watts,
5 buttons count as 0.72 Watts
36V 3 buttons count as 0.9 Watts,
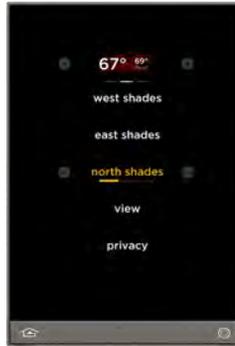5 buttons count as 1.08 Watts

Listings
UL, CUL, CE

Connections
Station Bus • 1
Auxiliary • 2

Wall Dimensions
2.30"W x 4.126"H x 0.9"D
58mm x 105mm x 23mm

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 Digital Keypad

EQ41TB-TI-II

Display
4.3" diagonal
Active matrix color LCD

Features
Single layer widget UI

Controls
Hard buttons • 2 (1 home, 1 programmable)
Full widgets:
Lighting, scenes, timers, shades,
climate, weather

Sensors
Proximity
Light (for screen brightness)

Connections
RJ45 (PoE) • 1

Wall Dimensions
3.54"W x 4.72"H
0.45" off-wall

Equinox 73 Touchscreen

EQ73TB-TI-II

shade full screen shown above

Display

    7.1" diagonal

    Active matrix color LCD

Features

    Triple layer 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:

    Lighting, scenes, timers, shades,
    climate, weather

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

dashboard shown above

Compatibility

    Apple, Android

Features

    Triple layer widget UI

    Live dashboard

    Three layer

    Profiles for users, spaces, functions, and time

    Personalizable UI for each user

Controls

    Full widgets:

    Lighting, scenes, timers, shades,
    climate, weather

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

shade widget shown above

Compatibility

    Apple, Android

Features

    Triple layer widget UI

    Live dashboard

    Three layer

    Profiles for users, spaces, functions, and time

    Personalizable UI for each user

Controls

    Full widgets:

    Lighting, scenes, timers, shades,
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    Device License: A device license allows a single
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    number of supported devices to function as
    an interface when they are connected to a
    single InFusion system

related
products

In addition to the products featured in this guide, a complete Vantage shading solution will also contain the products listed below:

InFusion Controller
IC-36-II

QMotion Keypad
* NOTE: For use in mechanical rooms as an independent override only

Brackets

QMotion Wireless Remote

Auxiliary Panels for Mounting QIS
IAUX-4

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AMERICAN SOCIETY OF INTERIOR DESIGNERS ASID
INDUSTRY PARTNER

ISO 14001
BUREAU VERITAS
Certification
N° 00000

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