

OVERVIEW

The xCella Key Card Switch communicates wirelessly to an xCella/RDT system whenever a hotel key card is inserted into the switch slot. The switch is completely self-powered, so there are no wires to run or batteries to replace, which reduces installation time and operating costs. The Key Card Switch is ideal for occupancy detection in hotel rooms and senior residences. When combined with other wireless devices, it can provide an affordable occupancy based solution for controlling HVAC energy use.

FEATURES

- Communicates wirelessly with other devices using RDT protocol
- Key card slot can accommodate any standard hotel key card
- Harvests power from motion of inserting and removing a hotel key card
- 902 MHz ISM band frequency
- 90 ft max. indoor range

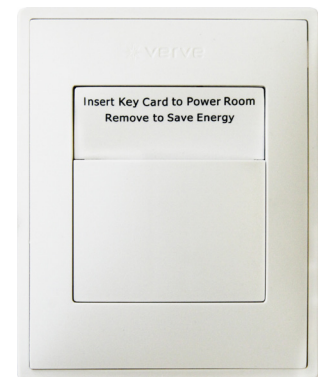
SPECIFICATIONS

| | |
|---------------|---|
| Size: | 3.8" w x 4.72" h x 0.43" d |
| Mounting: | Surface mounted on wall |
| Color: | White |
| Power Supply: | Mechanical energy harvesting (power is generated by inserting a hotel key card into the switch) |
| Humidity: | 5-95% non-condensing |
| Inputs: | Slot for standard hotel key card |
| Output: | Radio Frequency transmitter |
| Ambient Temp: | 32-131 F (0-55 C) Indoor use only |
| Protocol: | RDT |

AcuityControls™

xCella™

Key Card Switch



Warranty

Five-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

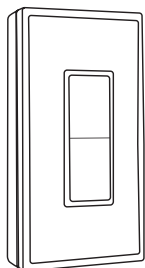
Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

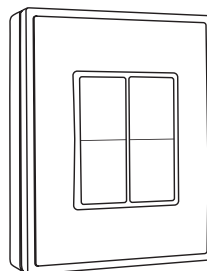
ORDERING INFORMATION

| XCR KCS | |
|---------|--------------------------|
| Series | |
| XCR KCS | Wireless Key Card Switch |

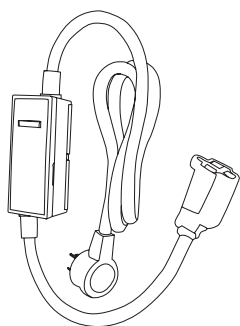
COMPATIBLE xCELLA PRODUCT FAMILY WIRELESS ACCESSORIES



Rocker Switch
902MHz
Model: XCR 1PWH
CI Code: *220UP4



Dual Rocker Switch
902MHz
Model: XCR 2PWH
CI Code: *220W90



Plug-Load Controller
902MHz
Model: XCR PSM
CI Code: *222GFW

COMPLIANCE INFORMATION

FCC ID: SZV-PTM33xU
IC: 5713A-PTM33xU

These devices comply with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The intentional radiator is identical in all variants of the apparatus.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAN RSS-Gen/CNR-Gen:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur approuvé pour l'émetteur par Industrie Canada.

Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.