

1. Summary of solution

SmartShelf is a future oriented and state of the art technology which simplifies inventory management in various industries. The product portfolio combines rugged hardware with a web server interface, which makes the set up hassle-free and less time consuming than ever before. In the past end-users needed excessive programming know-how or a third-party system integrator which did the integration for them. SmartShelf can be set-up in minutes with an intuitive user interface and interfaces to major ERP systems.



2. Product Logistics

Model	Resolution in kg	Resolution in lb
SWI331wireless-002	2 kg x 0.001 kg	5 lb x 0.002 lb
SWI331wireless-008	8 kg x 0.002 kg	25 lb x 0.01 lb
SWI331wireless-020	20 kg x 0.01 kg	50 lb x 0.02 lb

3. Product Features

3.1 Power supply

CR123A*3 parallel power supply, refresh 10 times per day, battery can run for 3 years.

Voltoage:3V, Current: Work Mode-less than 100mA, Sleep Mode-about 10uA.

3.2 ESL operating frequency

2.400-2.48 GHz

3.3 Operating temperature

0°C -40°C

3.4 Storage temperature

-40°C~60°C

4. Label

- SWI331wireless-002



- SWI331wireless -008



- SWI331wireless -020



FCC Notice

This device complies with Part 15 of the FCC Rules and the Radio Interference Requirements of the Canadian Department of Communications. Operation is subject to the following 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.

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.

This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated with at least 2cm and more between the radiator and person' s hands.

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

IC Notice

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada' s license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L' émetteur/récepteur exempt de licence contenu dans la présent appareil est conforme aux CNR d' Innovation, Sciences et Développement économique 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 ;
- (2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

This equipment complies with IC radiation exposure limits set forth for uncontrolled equipment and meets IC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated with at least 2cm and more between the radiator and person' s hands.

Avis : Pour répondre à la IC d' exposition pour les besoins de base et mobiles dispositifs de transmission de la station, sur une distance de séparation de 2 cm ou plus doit être maintenue entre l' antenne de cet appareil et les personnes en cours de fonctionnement. Pour assurer le respect, l' exploitation de plus près à cette distance n' est pas recommandée. L' antenne(s) utilisé pour cet émetteur ne doit pas être localisés ou fonctionner conjointement avec une autre antenne ou transmetteur.