Introduction

The CSR CNS12015 Proximity Beacon is a standalone device, designed to be maintenance free, there are no user serviceable parts in the device. The CSR beacon uses the ISM band of 2.4GHz to 2.5HZ to operate, uses extremely low power, the power output will be no more than 0dBm, which enables the battery life to be extended. This model is designed to operate using 2 AA alkaline batteries. The typical battery life for the device is greater than 3 years.

The beacon is design to be positioned on or near to a location or object (e.g. a shelf in a store). The Beacons sole function is to transmit a pre-set unique number, which will allow a simple application loaded onto a smart phone to link to a website or backend service which would provide content, URL, action and / or information about an associated location.

The BLE Proximity Beacon can be positioned on the shelf or under it, it can be positioned near to a location or tied to an object using magnets, bolts or a simple cable tie.

The Beacon is shipped with its batteries installed; simply pull the pull tab to activate the beacon. The unit is now operating and the installer or developer can now program the beacon using the CSR Field Service Application (FSA).   Once the beacon is programmed the developer or installer is able to associate actions and or content with this beacon using the CSR web APIs to manage the beacon. End-Users with applications that use CSR's client may now detect the CSR beacon and the app will receive instruction on how to react.

Regulatory Notices
This device complies with Part 15 of the FCC Rules and 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.

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

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 onctionnement.

Les changements ou modifications non expressément approuvés par la partie responsable de la conformité
pourraient annuler l'autorité de l'utilisateur à utiliser l'équipement.

Proximity Beacon Instructions

Contacts

General information	www.csr.com
Information on this product	sales@csr.com
Customer support for this product	www.csrsupport.com
More detail on compliance and standards	product.compliance@csr.com
Help with this document	comments@csr.com

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CSR reserves the right to make technical changes to its products as part of its development programme.

While every care has been taken to ensure the accuracy of the contents of this document, CSR cannot accept responsibility for any errors.

Life Support Policy and Use in Safety-critical Compliance

CSR's products are not authorised for use in life-support or safety-critical applications. Use in such applications is done at the sole discretion of the customer. CSR will not warrant the use of its devices in such applications.

Performance and Conformance

Refer to www.csrsupport.com for compliance and conformance to standards information.

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www.csr.com