

Operators Manual

SensorLink Sub-Gigahertz Radio Module

Available Stock Codes:

K660-066-005

K660-066-006

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Specification

Models	
K660-066-005	915.53MHz
K660-066-006	868.27MHz
Range of Operation	
Voltage	3.0VDC +/-10%
Temperature	-30°C to 60°C
Relative Humidity	90% non-condensing
Enclosure	
	To be mounted on Host Board
Mounting	
Radio	
Frequency Zone One	868.27MHz
Frequency Zone Two	915.53MHz
Frequency Zone Three	915.53MHz
Power	< 1 milliwatt
Range	50 feet, 15.24 meters

Safety Information

The SensorLink Radio Module is designed for use with a suitable universal hot stick mounted device. All precautions appropriate for the transmission power level should be taken.

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Overview

The SensorLink Radio Module only approved for use in SensorLink products and has been developed for measurement data transfer from a sensor unit to a remote monitoring device located a short distance away.

The antenna is permanently attached and cannot be modified or removed.

The Sub-Gigahertz frequency is set to be in a non-licensed range.

The host device assemblies are controlled by SensorLink's ISO approved revision and Approved Manufacturer's Parts List controlled Bills of Material.

FCC and Industry Canada Statements

This device complies with Part 15 of the FCC Rules and contains license-exempt transmitter/receiver that complies with Innovation, Science and Economic Development Canada's licence-exempt RSS.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference and,
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 le 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.

Instructions to the User

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate equipment

This Radio Module complies with FCC 15.249. The Radio Module must be soldered to a host board, within the host device, which presents the 3.0VDC +/-10% regulated supply and Module configuration. The host device must be verified to comply with the FCC part 15b requirements by a technical assessment or evaluation to the FCC rules.

The FCC and Industry Canada statement above must be included in the host device's User Manual.

The host device must display, visible to the end user, the text "Contains FCC ID: LM8-660066005, Contains IC: 6462A-660066005" or similar wording that expresses the same meaning. *For example:*

Contains FCC ID: LM8-660066005
Contains IC: 6462A-660066005

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Antenna integration: The antenna must be soldered to the Module, either directly or via a less than 3" extension wire to allow placement outside of a shielded area. The antenna must not be accessible by the end user after assembly.

DECLARATION OF CONFORMITY

TRADE NUMBER: SensorLink Corporation

MODEL NUMBER: K660-066-005, K660-066-006

COMPLIANCE TEST REPORT NUMBER: 106048

COMPLIANCE TEST REPORT DATE: 04 April 2022

RESPONSIBLE PART (IN USA): SensorLink Corporation

ADDRESS: 1360 Stonegate Way, Ferndale WA 98248 USA

TELEPHONE: (360) 595-1000

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 the unit does cause harmful interference, 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 device.
- Increase the separation between the equipment and the receiver.
- Consult an experienced radio/TV technician for help.

I the undersigned, hereby declare that the equipment specified above conforms to the above requirements.

Place: Whatcom County

Signature:

Date: April 17, 2022

Full Name: Tenaya Tinsley

Position: President

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