

FCC ID:
2AN79-LTC19001
Date
30, July 2019

OSCR Sensor Tube User's Manual

Overview

The OSCR Sensor Tube is designed to be used exclusively with the OSCR360 Capture Kit. The Sensor Tube provides location and orientation to the system for each photo taken and communicates via Bluetooth Low Energy. The device features an external on/off switch, which is used to power the Sensor Tube on. Once on, a Bluetooth connection can be established between the Sensor Tube and Capture Kit. The Sensor Tube is powered by an internal, rechargeable lithium ion battery and is charged via a micro-USB cable. During operation, the Sensor Tube provides GPS location data, compass heading, and tilt and roll information.

Connecting OSCR Sensor Tube to the OSCR360 App

To operate the Sensor Tube (LTC-IOT-GPS-G2) with the OSCR360 equipment, you must first power the unit on and connect it to the tablet application, OSCR.

On your OSCR360 tablet, open the OSCR app. Navigate to "Settings" using the hamburger menu in the upper left. Under "Settings", enable "Use Digital Compass" by selecting the switch on the right so that it is in the "On" position. Next, select "Compass Sensor MAC Address" and enter the MAC address as you see it on the label, which is located on the front face of the Sensor Tube. Select "OK".

The Sensor Tube should connect automatically. Return to the Capture screen using the hamburger menu in the upper left and verify that the word "Connected" shows up beneath "Connect to Digital Compass". Your Sensor Tube is now ready for use with the OSCR app and associated equipment.

Regulatory Information and Notices to the User according to IS FCC

Changes or modifications not expressly approved by L-Tron Corporation could void the user's authority to operate the equipment.

This device complies with Part 15 of 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.



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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.



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