

Overview

Echoflex's ERUSB-C is a wireless Passive Infrared (PIR) occupancy sensor with an integrated switch in a small package. It is perfect for cubicle switch station applications. Powered through a USB connection and mounting at desk level or on a cubicle partition wall, the ERUSB-C detects motion and transmits the occupancy status via a radio telegram.

The cubicle switch station can be linked to any of Echoflex's line of embedded controllers or receivers. Assigning the ERUSB-C to overhead lighting fixtures or task lighting can automate each cubicle space with individual lighting control. The built-in toggle switch allows manual override when used with Echoflex's SmartSpace.



Technical Specifications

Power	USB 2.0 Port
Communications	
Radio Frequency	902 MHz or 868 MHz
Antenna	Whip
Transmission Range	100m (330 ft) line-of-sight, 24 m (80 ft) - interior space (typical)

Mechanical Specifications

Operating Temperature	-14°F to 113°F (-10°C to 45°C)
Relative Humidity	5% to 95% RH (non-condensing)
Weight	1.2 oz. (34 grams)
Dimensions	82 x 54 x 17 mm (3.2 x 2.1 x 0.7")

Equipment Profiles

EEP: 07-07-01 Occupancy sensor
 EEP: 05-02-02 Light & blind control

Agency Listing & Compliance

ROHS compliant

902 model



FCC Part 15.231 - Remote Control Transmitter IC RSS-210

Contains FCC ID: SZV-TCM300U (902 MHz)

The enclosed device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(i.) this device may not cause harmful interference and

(ii.) this device must accept any interference received, including interference that may cause undesired operation.

Contains IC: 5713A-STM300U (902 MHz)

868 MHz model

CE Marking



Ordering Information

Description	902 MHz Model	902 MHz PN	868 MHz Model	868 MHz PN
USB Cubicle Controller, black	ERUSB-CU	8188A1242	ERUSB-CY	8188A1443

Specifications are subject to change without notification.