

INSTALLATION GUIDE

Occupancy & Temperature Node (7C-OT-C1W-X)

INTRODUCTION

Occupancy & Temperature Node (OTN) is a product tailor-made for customers who need micro-zone-level controls that can override the existing schedules. This comes handy in cases where there is dynamic occupancy in a space such as:

- A restaurant where occupancy varies from day-to-day and time-to-time.
- Work environments where the employee strength is cycled. Predicting employee occupancy is a new requirement to handle energy efficiency.
- Smart monitoring for critical zones.

PACKAGE CONTENTS

- OTN
- Mounting accessories

SPECIFICATIONS

Power	Power Source: 3V DC via 2 x AA batteries
Sensing	Temperature (typical +/- 1°F (0.5C) Humidity (typical +/- 2% RH) Occupancy Sensor based on passive infrared (PIR) with detection range of 3m with 60-degree angle
Protection	ABS plastic enclosure
Communication	902-928 MHz Mesh IEEE 802.15.4-compliant, for communications to CCU. Note: OTN does not re-transmit communication received on the mesh network.

PRECAUTIONS

- Install the device vertically on a firm fixed surface as shown in Figure 1.
- Make sure the device is not installed near a high inductive source or in a metal enclosed location.
- Install in accordance with all state and local codes.

Scan this QR code to get a more detailed version of the Installation Guide



For more information, contact your local Carrier Controls Expert
©2023 Carrier. All Rights Reserved. Cat. No. 11-808-966-01

MOUNTING

Mount the OTN using two # 8-1.5" self-tapping screws as shown. The transmitter is factory calibrated and should be installed vertically.

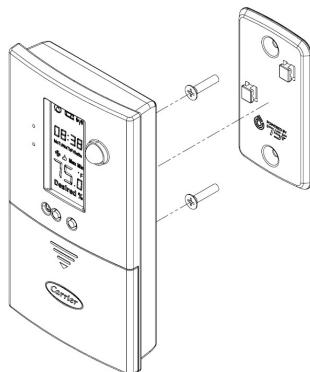


Figure 1

CARRIER CLIMAVISION TECHNICAL SUPPORT

Installation and servicing of Control Systems can be hazardous due to electrical components. Only trained and qualified service personnel should install, repair or service control system components.

For more information on wiring, commissioning, or usage of the ClimaVision product line, please refer to any documentation provided with the job. If no documentation was provided with the job, please use the ClimaVision Help Center (support.climavision.com) where you can find application specific wiring schematics and helpful user guides and videos or scan the QR code here:



Scan this QR code to
get a more detailed
version of the
Installation Guide

If you need help beyond that, please reach out to your local Carrier distributor for support.



For more information, contact your local Carrier Controls Expert
©2023 Carrier. All Rights Reserved. Cat. No. 11-808-966-01