

## Specification Data

Job Name	
Type	
Catalog #	
Comments	

## PRODUCT OVERVIEW

The IIOT-REPEATER works in conjunction with other Synapse-enabled devices to create a robust mesh network for use in a variety of IIoT solutions such as lighting controls, energy monitoring and air handling.

The IIOT-REPEATER provides an RF path from other devices back to the SimplySnap site controller. These wireless network repeaters are used to help provide additional mesh network connections to work around RF obstructions or weak connections between groups of devices in different areas of a facility.

## KEY FEATURES:

- Range of 1000 feet, line of sight
- External antenna
- RF Transmission Output Power of +15dBm
- AES 128-bit encryption
- Self-healing 2.4GHz SNAP Mesh Networking
- Seamless SimplySnap Integration
- Secure, over-the-air upgrades to support future enhancements



## Expand SimplySnap RF coverage

Product #	Description
IIOT-REPEATER	Wireless SimplySnap network repeater.

## SPECIFICATIONS

Dimensions	7.9" L x 3.9" W x 2.8" H (200 x 100 x 70 mm)
Input Power	110-277VAC $\pm 10\%$ , 50/60Hz
Max Current Draw	3.6W, 30mA at 120VAC or 13mA at 277VAC
Operating Environment	-40C to +55C, 10 to 90% RH, non-condensing
Enclosure	IP65 Rated
Mounting	Wall or I-Beam
Radio	SNAP 2.4GHz ; 802.15.4 +15 dBm Transmit Power -103 dBm Receive Sensitivity
Radio Range	Up to 1000 feet, line of sight
Radio Network Settings (Default)	Ch 9, NID:D110, CRC:ON, encryption: OFF
Certifications	c(UL)us, FCC
Warranty*	1 Year

\*See [www.synapsewireless.com/warranty](http://www.synapsewireless.com/warranty) for warranty terms

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