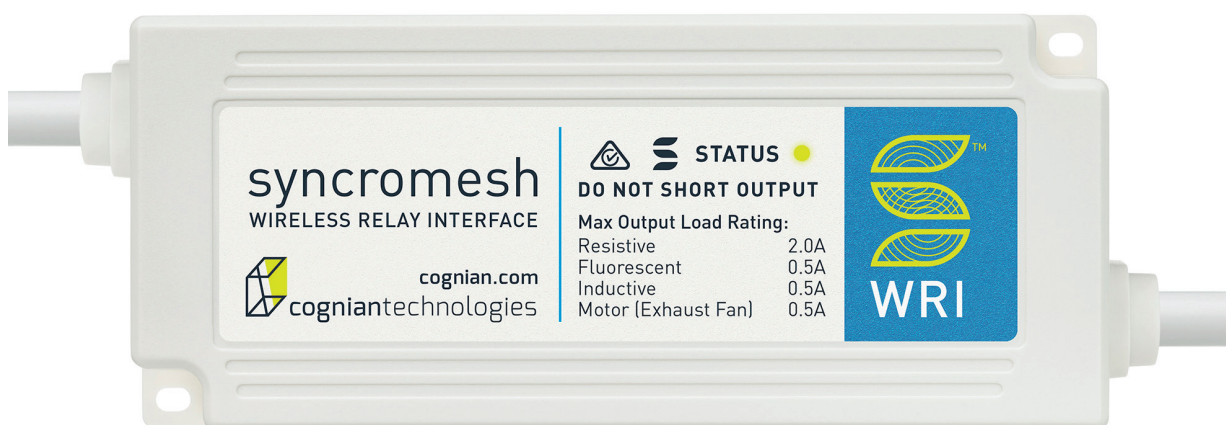




Wireless Relay Interface



The Syncromesh WRI is a wireless relay interface connecting to a Syncromesh network.



BENEFITS

Retrofit friendly

Rezone lighting in existing buildings without running new switch cables and with minimal disruption to the tenant.

Lower cost project variations

Easily add or remove lighting control project variations, after or during installation with little labour impact.

Open new possibilities

Switch powered devices on desks, meeting room tables, or other hard to cable areas.

Eliminate costs

Integrate lower cost non-DALI fittings with DALI installations.

Integrated BLE

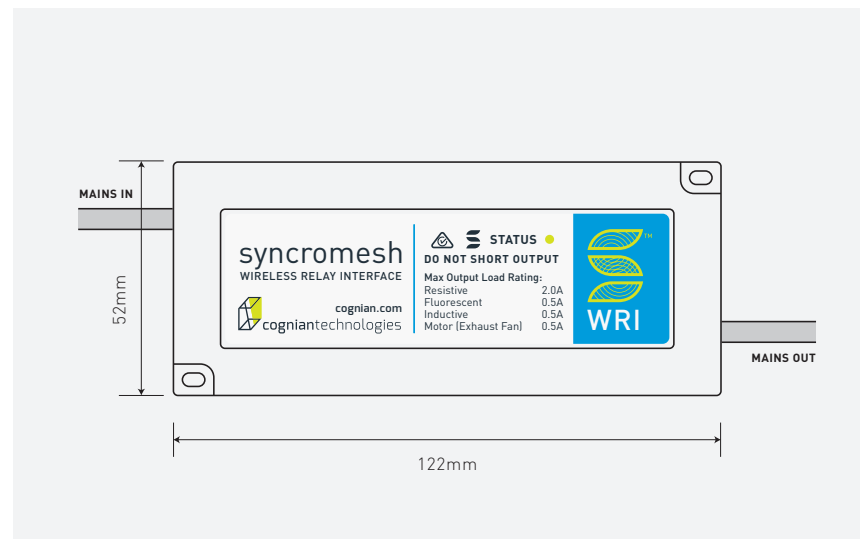
The Syncromesh WRI incorporates a BLE chip for connection to BLE input devices and beacon tracking services.

DIMENSIONS

122mm W x 52mm H x 32mm D

LED STATUS COLOUR KEY:

- Syncromesh WRI is powered on, but not connected to the wireless Syncromesh network
- Syncromesh WRI is connected to the wireless Syncromesh network



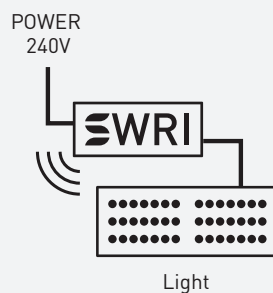
SPECIFICATION

Wireless Relay Interface

Syncromesh products are for commercial/industrial use.

The AU Plug and cord extension sockets are assembled to assist with installation.

Typical Configurations



1x WRI is intended to be connected to 1x light fitting.

ELECTRICAL

Supply Voltage	220-240V 50Hz
In	AS/NZS 3112 Three pin plug
Out	AS/NZS 3112 Three pin socket
Standby Power	~0.3W (~1.0W when load on)
Maximum Output Load Rating	Resistive 2.0A
	Fluorescent 0.5A
	Inductive 0.5A
	Motor (Exhaust Fan) 0.5A
Maximum Inrush Current	20A <20mS

INTERFACES

Syncromesh Wireless	2.4 GHz ISM Band Multi-hop
Bluetooth Low Energy	Version 5.0 through 4.0

PHYSICAL

W x H x D	122 x 52 x 32 mm
Casing	Polycarbonate
Aerial	Internal
Product Model	WRI 2A SKU 040230304

ENVIRONMENT

Operating Temperature	0 - 60°C
Operation Humidity Range	95% RH non condensing
IP Rating	IP20 Indoor use only
Mounting	Surface mount 3.5mm holes

COMPLIANCE

Regulation RCM	
AS_NZS 60669.2.1_2013	

Due to continuous improvements and innovations, specifications may change without notice.



SYNCROMESH SYSTEM SET-UP

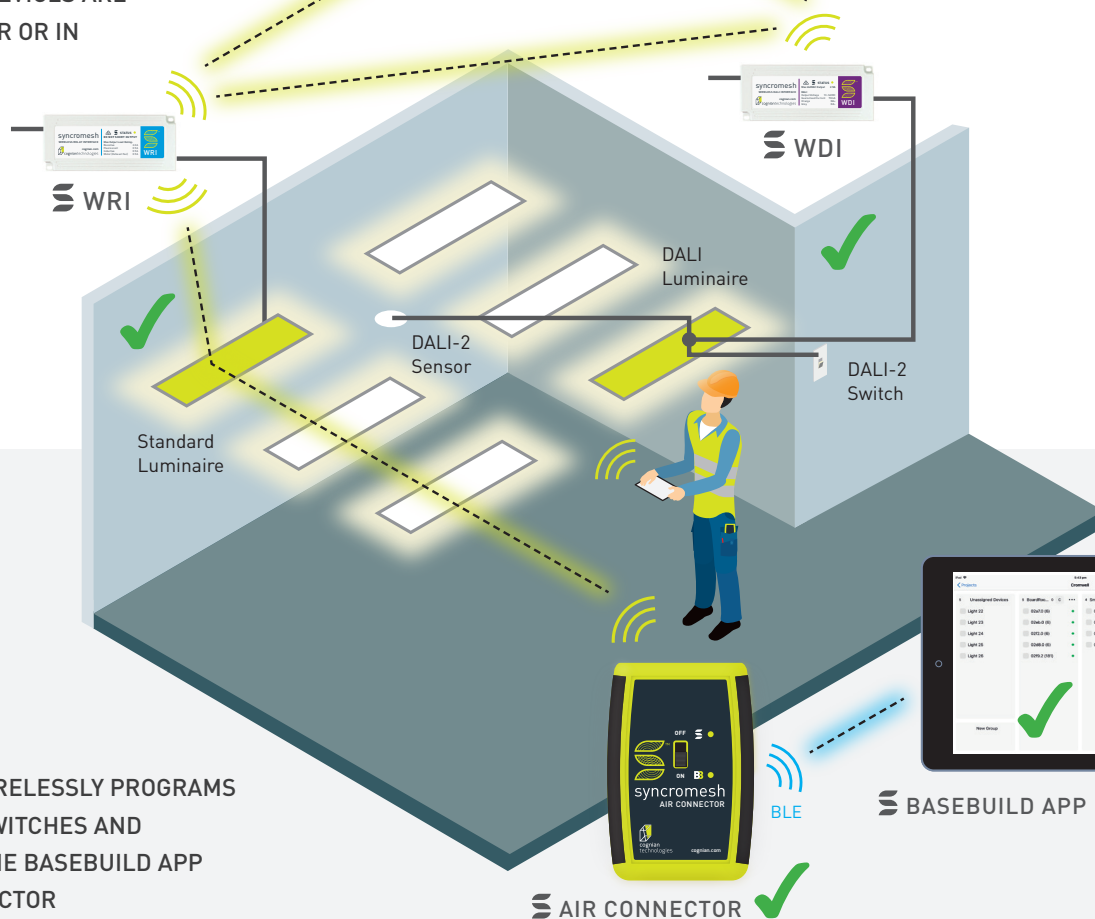
1

SYNCROMESH WIRELESS GATEWAY IS
INSTALLED IN THE SWITCHBOARD ROOM



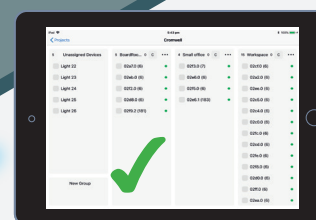
2


SYNCROMESH DEVICES ARE
INSTALLED NEAR OR IN
LUMINAIRES




3

TECHNICIAN WIRELESSLY PROGRAMS
LUMINAIRES, SWITCHES AND
SENSORS VIA THE BASEBUILD APP
AND AIR CONNECTOR



 BASEBUILD APP

 AIR CONNECTOR

