

## ALL IN ONE SMRT CONTRACTOR PACKS

### QUESTION: WHAT SIZE SPACE CAN I CONTROL WITH ONE CONTRACTOR PACK?

**A. THERE ARE 3 PRIMARY FACTORS THAT DETERMINE THIS ANSWER. (1) THE NUMBER OF FIXTURES YOU ARE CONTROLLING ALONG WITH THEIR WATTAGE AND VOLTAGE. (2) THE SIZE OF SPACE THAT YOUR CEILING SENSORS ARE GOING IN AND THEIR COVERAGE, (3) THE NUMBER OF WALL SWITCHES THAT YOU WANT TO USE IN THAT SPACE. LET'S LOOK AT EACH ONE OF THOSE FACTORS.**

**POWER PACK:** OUR SMRT POWER PACK IS 10 AMPS AND WILL CONTROL 0-10V DIMMABLE LIGHTING LOADS. AT 120 VOLTS AC, YOU CAN CONTROL APPROXIMATELY 1,200 WATTS OF FIXTURES. AT 277 VOLTS AC, YOU CAN CONTROL APPROXIMATELY 2770 WATTS OF FIXTURES. FOR EXAMPLE:

AT 120V, YOU CAN CONTROL APPROXIMATELY 92 OF A 12 WATT 0-10V DIMMABLE RECESSED CAN.  
AT 120V, YOU CAN CONTROL APPROXIMATELY 30 OF A 40 WATT 0-10V DIMMABLE 2X2 FLAT PANEL.  
AT 120V, YOU CAN CONTROL APPROXIMATELY 16 OF A 72 WATT 0-10V DIMMABLE 2X4 FLAT PANEL.

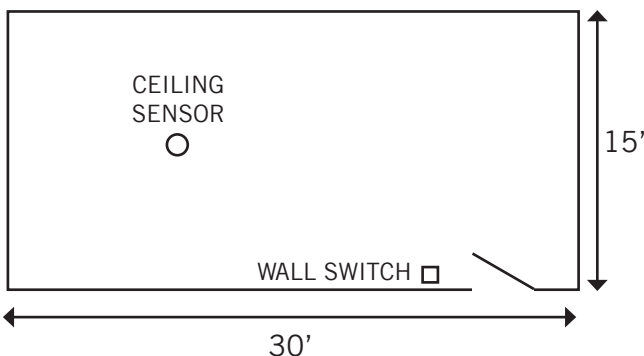
**CEILING SENSOR:** OUR SMRT CEILING SENSOR COMES STANDARD AS DUAL TECH FOR BEST COVERAGES. OUR DUAL TECH SENSOR IS PIR, FOR PICKING UP MOTION AND HEAT, AS WELL AS ULTRASONIC WHICH PICKS UP AUDIO (SOUNDS). OUR COVERAGE IS APPROXIMATELY A 30' DIAMETER AT A 8' TO 10' MOUNTING HEIGHT.

**WALL SWITCH:** OUR SMRT WALL SWITCH IS BEST SUITED NEAR AN EXIT DOOR. IN SOME SPACES WITH 2 OR MORE EXIT DOORS, THE CUSTOMER MAY WANT MORE THAN ONE WALL SWITCH IN THE SPACE.

NO MORE THAN 100 FIXTURES PER ZONE (THIS IS THE BLUETOOTH MAXIMUM).

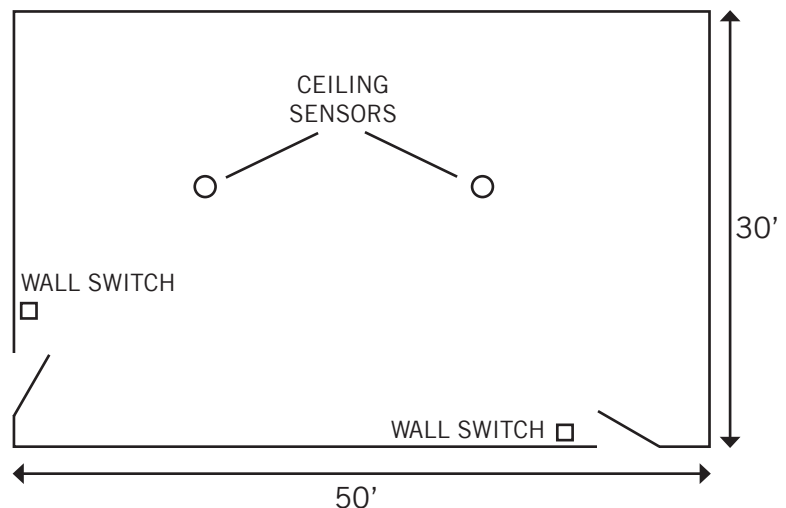
THE SYSTEM CAN ALL BE CONFIGURED BY OUR FREE BLUETOOTH APP. REMOTE OR ON-SITE START UP IS ALSO AVAILABLE.

**EXAMPLE 1:** 30X15' ROOM WITH ONE EXIT DOOR AND 14, 40 WATT 0-10V 2x2 FLAT PANEL LIGHT FIXTURES (560 WATTS). POWER COMING IN IS 120V.



IN EXAMPLE 1, ONE KIT WILL BE ENOUGH FOR THE SPACE. ONE WALL SWITCH FOR 1 EXIT DOOR, ONE SENSOR WILL COVER THE SPACE, AND THE POWER PACK WILL CONTROL UP TO 1200 WATTS AT 120V, AND ONLY 560 WATTS ARE BEING USED.

**EXAMPLE 2:** 50'X30' ROOM WITH TWO EXIT DOORS AND 40, 20 WATT 0-10V RECESSED CAN LIGHT FIXTURES (800 WATTS). POWER COMING IN IS 277V.



IN EXAMPLE 2, A LARGER SPACE, ONE KIT PLUS ONE ADDITIONAL SENSOR AND ONE ADDITIONAL WALL SWITCH IS NEEDED. THE POWER PACK IN THE KIT WILL CONTROL UP TO 2,770 WATTS AT 277V, AND ONLY 800 WATTS ARE BEING USED. ADDITIONAL SENSORS AND WALL SWITCHES CAN BE PURCHASED AT YOUR ELECTRICAL DISTRIBUTOR WHERE YOU PURCHASED YOUR CONTRACTOR PACK.

**NOTES:**

SMRT Contractor power packs are 10 amps, 120/277 volt and will controls 0-10V dimming loads. Phase dimmers are also available for MLV/ELV loads. On wireless wall switches, please make sure that your wall switch is within 100' of the power pack. No more than 100 fixtures per zone for Blue tooth compliance. The power pack is plenum rated, and shall be mounted to a UL listed Junction box, secured in the plenum. The 120/277V dual tech ceiling sensor shall be mounted to a UL listed junction box, secured in the plenum. System can be configured and started up via free Blue tooth app. Remote or on-site start up is available for a fee. Layouts and job quotes for project business is also available. Send in RCP along with fixture schedule for job quote opportunities.