

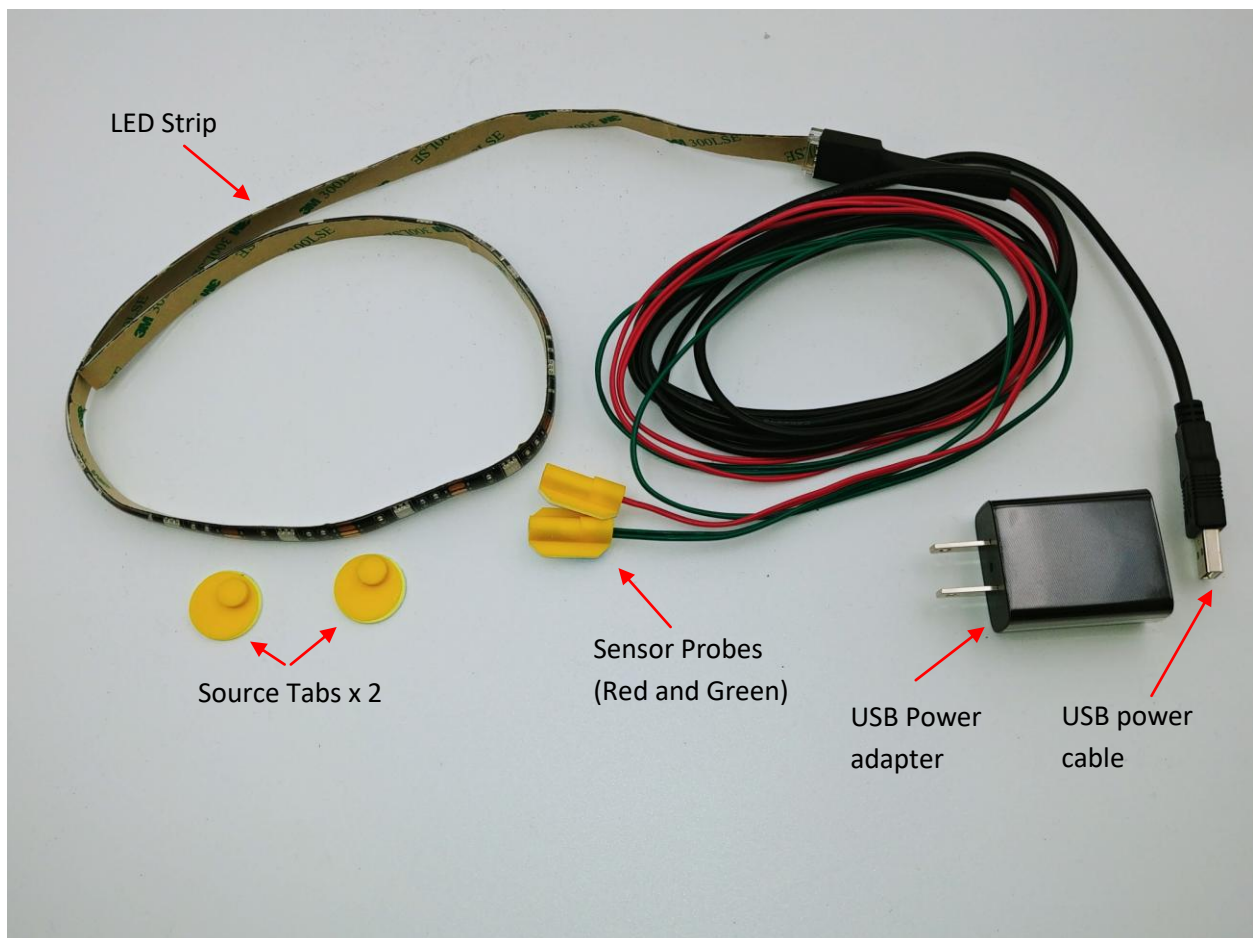
Installation instructions for

iVAC CandleStick Sensor CSS on manual blast gates

Introduction

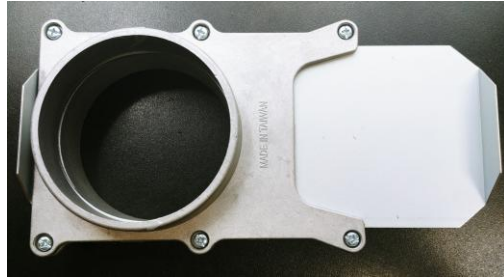
The iVAC CandleStick Sensor (CSS) is a combination of sensors and an LED strip to show the status of a manual blast gate (Fully Open or Fully Close). The CSS is powered by a USB power adapter and is suitable for continuous monitoring of blast gate status.

The LED strip is flexible and comes with double-sided tape for easy installation on any position that is visible to the user.

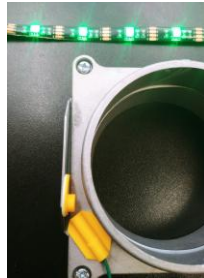


Installation

1. Install Green sensor probe (Fully Open) and Source Tab
 - a. Turn the blast gate to fully open.



- b. Remove the backing from the double sided foam tape on the Green Probe and install it to the lower left corner (See below).
 - c. Position the Source Tab at the lower left corner of the slide so that the Green LEDs turn on when the gate is fully open. Remove the backing of the double sided tape on the Source Tab and secure Source Tab in position.



2. Install Red sensor probe (Fully Close) and Source Tab
 - a. Turn the blast gate to fully close.

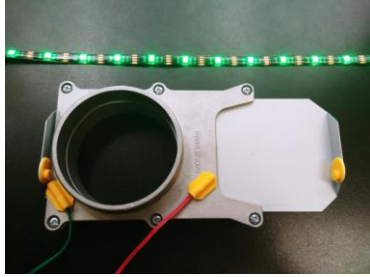


- b. Remove the backing from the double sided foam tape on the Red Probe and install it to the lower right corner (See below).
 - c. Position the Source Tab at the lower right corner of the slide so that the Red LEDs turn on when the gate is fully close. Remove the backing of the double sided tape on the Source Tab and secure Source Tab in position.

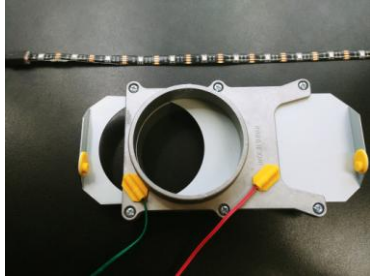


3. Testing

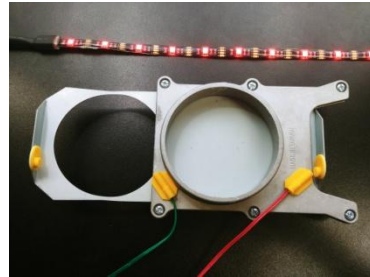
- a. Fully open the gate. Green LEDs are on and Red LEDs are off.



- b. Half open the gate. Both Green and Red LEDs are off.

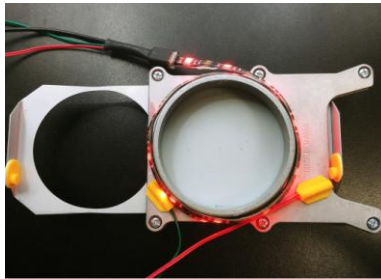


- c. Fully close the gate. Red LEDs are on and Green LEDs are off.

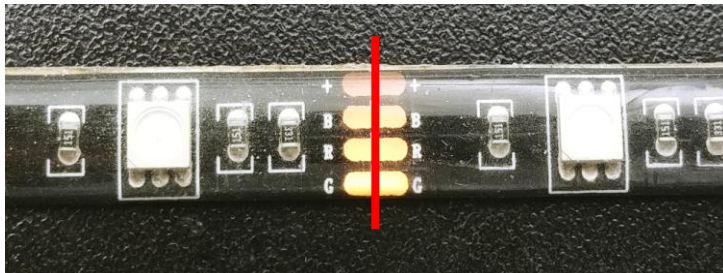


4. Install LED strip

- a. Your CSS is ready to monitor your manual gate status. Install the LED strip to your preferable way.



- b. You can cut the LED strip shorter if you prefer. Please cut at the position as indicated:



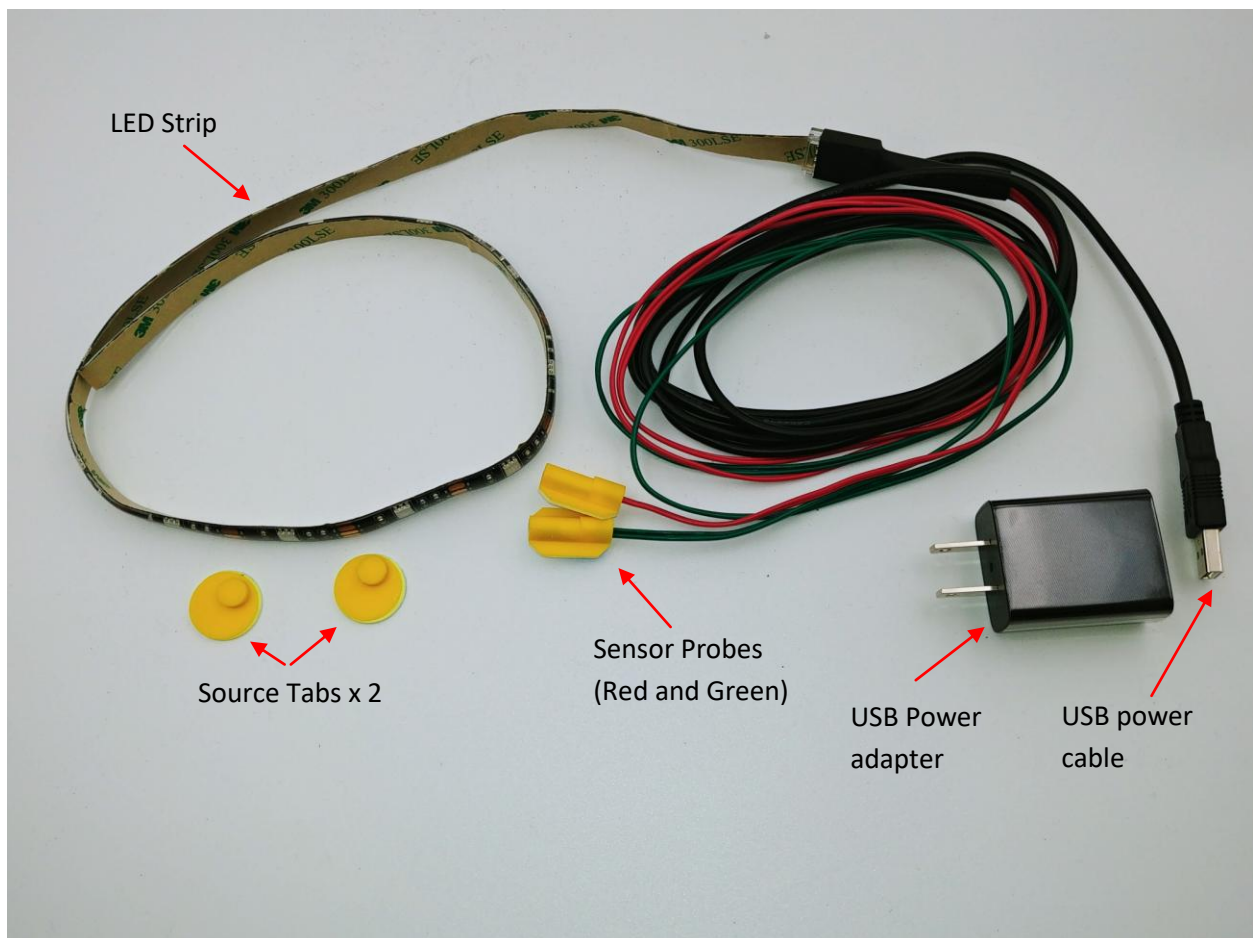
Installation instructions for

iVAC CandleStick Sensor CSS on iVAC automatic blast gates

Introduction

The iVAC CandleStick Sensor (CSS) is a combination of sensors and an LED strip to show the status of an automatic blast gate (Fully Open, in transit or Fully Close). The CSS is powered by a USB power adapter and is suitable for continuous monitoring of blast gate status.

The LED strip is flexible and comes with double-sided tape for easy installation on any position that is visible to the user.

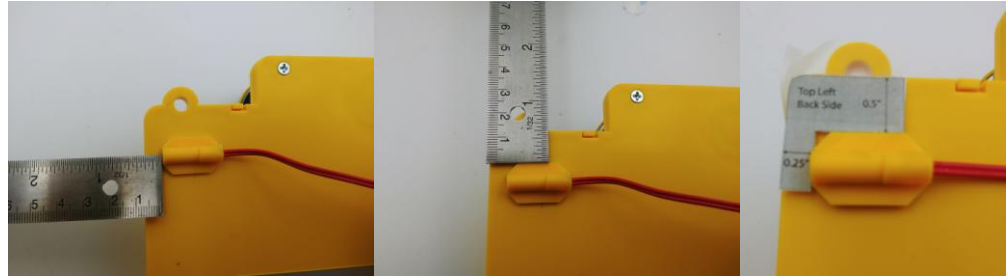


Installation

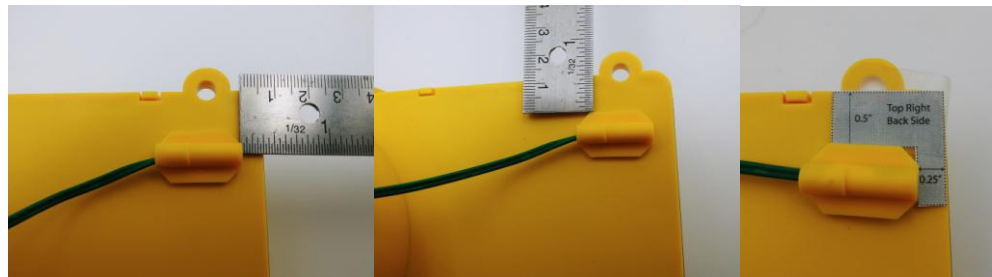
1. Install sensor probes (Red and Green)
 - a. Turn the blast gate to the back side.



- b. Remove the backing from the double sided foam tape on the Red Probe and install it to the top left corner at the back of the blast gate, around 0.5" from the top and around 0.25" from the left edge, using the stencil supplied (at last page of this instructions)



- c. Remove the backing from the double sided foam tape on the Green Probe and install it to the top right corner at the back of the blast gate, around 0.5" from the top and around 0.25" from the right edge, using the stencil supplied (at last page of this instructions)



2. Install source tabs

- a. Turn the blast gate to the front side



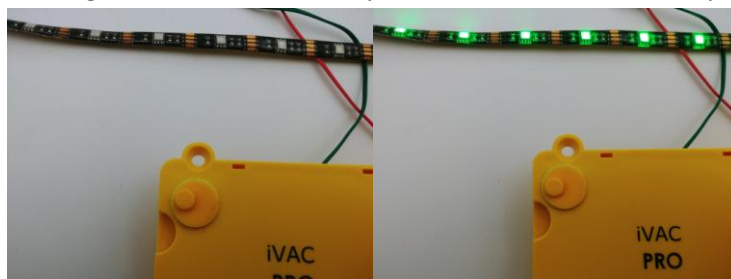
- b. Connect the USB power to the CSS
- c. Connect the blast gate to power and move the mode switch to "CLOSE"
- d. Position a Source Tab at the top right corner around 0.75" from the top and 0.25" from the right edge. Adjust the position until the red LEDs turn on. Mark position, remove the backing of the double sided tape and secure Source Tab in position.



- e. Set blast gate mode to "OPEN". Blast gate slide shall move to open position. Red LEDs shall be off when slide stop at the fully open position.



- f. Position a Source Tab at the top left corner around 0.75" from the top and 0.25" from the left edge. Adjust the position until the green LEDs are on. Mark position, remove the backing of the double sided tape and secure Source Tab in position.



3. Testing

- a. Move the mode switch to "OPEN", Green LEDs are on and Red LEDs are off.



- b. Move the mode switch to "CLOSE". Slide will start moving to right. Green LEDs will remain on and Red LEDs will be on too.



- c. Green LEDs will be off when the slide arrives at the fully closed position.



- d. Move the mode switch to "OPEN". Slide will start moving to left. Red LEDs will remain on and Green LEDs will be on too.

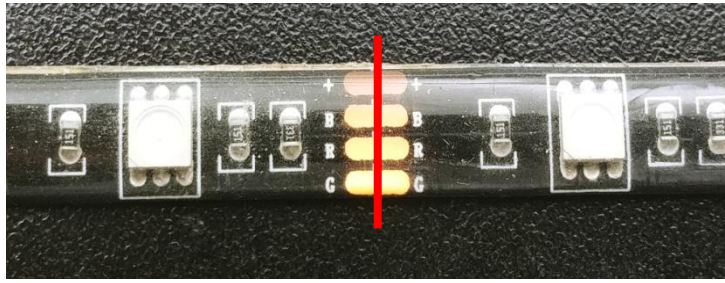


Red LEDs will be off when slide arrives the fully open position.



4. Install LED strip

- a. Now the sensor installation is done. Install the LED strip to your preferable way.
- b. You can cut the LED strip shorter if you prefer. Please cut at the position as indicated:



- c. Set blast gate mode to “AUTO” and it is ready to work automatically with iVAC Pro system.



1. Please print these stencils in 100% size, not fit to paper or printable area.
2. Cut these stencils and use them to align sensor probes to the proper position on automatic blast gates.

