

# INSTALLATION INSTRUCTIONS

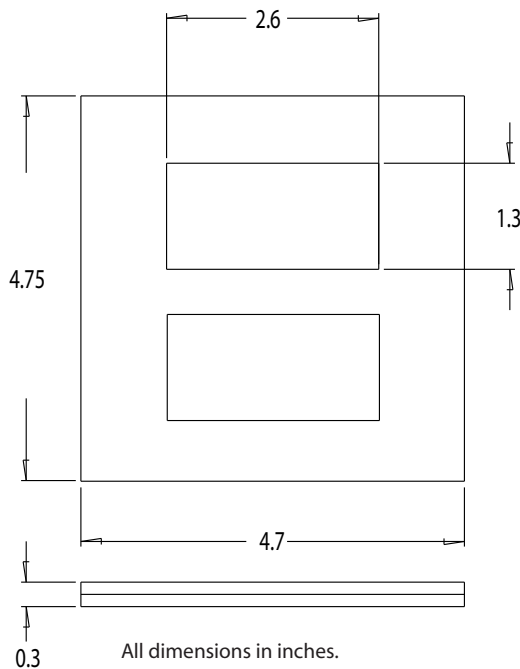
## RD2, Room Display High Visibility LED display Dual-gang wall mount



### IMPORTANT WARNINGS

- Only qualified trade installers should install this product
- This product is not intended for life-safety applications
- Do not install in hazardous or classified locations
- The installer is responsible for all applicable codes
- De-energize power supply prior to installation or service

### DIMENSIONS

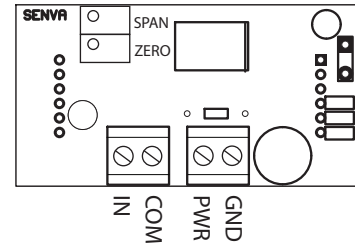


#### PRODUCT APPLICATION LIMITATION:

Senva products are not designed for life or safety applications. Senva products are not intended for use in critical applications such as nuclear facilities, human implantable device or life support. Senva is not liable, in whole or in part, for any claims or damages arising from such uses.

### INSTALLATION

1. Install dual-gang junction box, or low-voltage rough-in ring horizontally on drywall or other hollow wall surface.  
NOTE: Do not install display in multi-gang electrical boxes with line voltage or other electrical devices.
2. Wire display as shown:  
NOTE: Connections are polarity sensitive!



- PWR Power supply input positive (+)  
GND Power supply ground (-)
- IN Signal input from sensor. 0-10vdc  
COM Signal common (internally connected to GND)

Display modules may be powered from the same source, sharing COM, PWR, and GND connections.

3. Install base plate and display module on standard dual-gang junction box or low-voltage trim ring.
4. Snap on decorative trim ring to complete installation.

### CALIBRATION

Instructions for setting zero and span readings:

1. Press button to display ZERO (reading at 0 volts)
2. Adjust ZERO potentiometer to desired zero reading.
3. Press button again to display SPAN (reading at 10 volts)
4. Adjust SPAN potentiometer to desired span reading.
5. Press button again to display reading.

### SPECIFICATIONS

Power supply	12-30vdc/24vac <sup>(1)</sup> , 40mA max. (each)
Signal input range	0-10vdc
Scaling	Factory set for customer application Field adjustable zero and span
Display type	3-1/2 digit LED; Red, Green, or Blue
Accuracy	+/-1% F.S. +/- 2 counts
Sampling Rate	3 / second
Input Impedance	100k ohm
Operating Temperature	32-122°F (0-50°C)

(1) One side of transformer secondary is connected to signal common. Dedicated transformer is recommended.