

# SURFACE SENTINEL

## SPECIFICATIONS

|  |   |
|--|---|
| <b>POWER INPUT</b>                       | 12VDC                                       |
| <b>OUTPUTS</b>                           | SDI-12, open collector                      |
| <b>HOUSING</b>                           | Anodized aluminum, polycarbonate            |
| <b>MEASUREMENT DISTANCE RANGE</b>        | 3 to 50 feet                                |
| <b>ELEVATION ANGLE</b>                   | 35° to 90° from vertical                    |
| <b>FIELD OF VIEW</b>                     | 12°   |
| <b>MEASURING AREA</b>                    | 2 feet diameter at 10 feet                  |
| <b>HUMIDITY RANGE</b>                    | 0 to 100%                                   |
| <b>HUMIDITY REACTION TIME</b>            | 63% of 35% to 80% step change in 12 seconds |
| <b>SURFACE TEMPERATURE RANGE</b>         | -40°F to 185°F (-40°C to 85°C)              |
| <b>SURFACE TEMPERATURE REACTION TIME</b> | 63% of step change in one second            |
| <b>AIR TEMPERATURE RANGE</b>             | -40°F to 149°F (-40°C to 65°C)              |
| <b>AIR TEMPERATURE REACTION TIME</b>     | 63% of step change in 15 minutes            |
| <b>WEIGHT</b>                            | 2lbs  |
| <b>DIMENSIONS</b>                        | 8"W x 3"H x 3"D                             |
| <b>OPERATING TEMPERATURE RANGE</b>       | -40°F to 185°F (-40°C to 85°C)              |

