

growlink 



ESM3 Eco Climate Sensor

5 in 1 Climate Sensor (SDF-12)

Growlink is an agriculture software company that optimizes performance for cutting-edge greenhouses and indoor farms.





Features

The ESM3 Eco Climate Sensor is designed for Growlink controllers that support SDI-12. This sensor includes air temperature, humidity, VPD and photocell with optional CO₂. Growers rely on this sensor for accurate data and confidence in their growing environment.



Compatible with All-in-One Connect and Bluetooth-enabled Precision Irrigation Controllers.



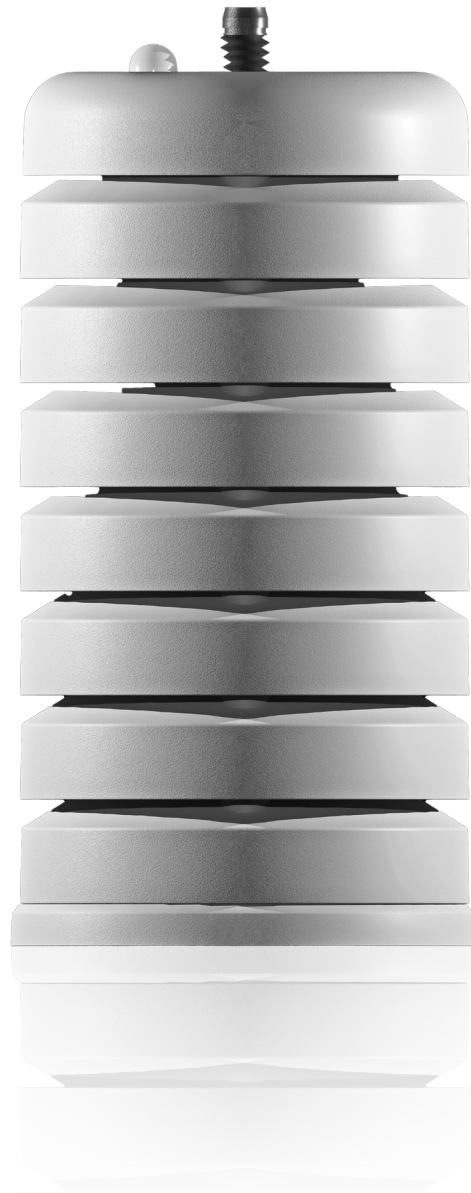
RH, Temp, VPD, Photocell, optional CO₂



Excellent long-term stability



Low power consumption





Benefits

Keep your grow space in perfect harmony with real-time monitoring of temperature, humidity, light, VPD, and CO₂. Our most affordable climate sensor.

Advanced Climate Monitoring

When linked with the Precision Irrigation Controller, the ESM3 enables real-time data collection and analysis improving climate management.

Maximized Light Efficiency

Supplemental ambient light sensor for light level monitoring with Connect or Precision Irrigation Controller.

Timely Alerts

Receive real-time alerts through text, email, and push notifications, ensuring timely insights and proactive decision-making.



Specifications

CO₂ (Optional):

0...5000 ppm

Accuracy CO₂ - * mv – measured value

± (50 ppm + 2% mv*)

± (50 ppm + 3% mv*)

± (100 ppm + 5% mv*)

± (1.5 % from full scale + 2% mv*)

± (1.5 % from full scale + 2% mv*)

Relative Humidity:

0...100% RH (non-condensing)

Accuracy Relative Humidity

at 25 °C (77 °C) and 20...80% RH

typ. ± 3 % RH

Temperature:

-40...60 °C (-40...140 °F)

Accuracy Temperature at 5...60 °C (41...140 °F)

typ. ± 0.5 °C (± 0.9 °F)

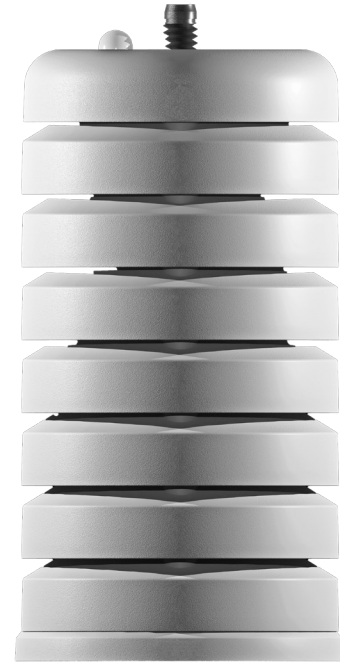
Ambient Light

95,000 Lux max.

Accuracy at ± 12 Lux

Output digital:

SDI-12



ESM3 Eco Climate Sensor
User Manual & Specifications

Compatible with:
Growlink OS



Growlink

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