

AGNETIX PRODUCT SHEETS

HARMONY Sensor

Product



HARMONY Sensor

All-in-one environmental sensor that connects easily to the ZENITH series and links to the HMI, delivering precise readings of air temperature, relative humidity, and CO2, as well as calculated Vapor Pressure Deficit (VPD) and Dew Point for easy crop management.



ALL-IN-ONE
Compact Horticulture
Sensor



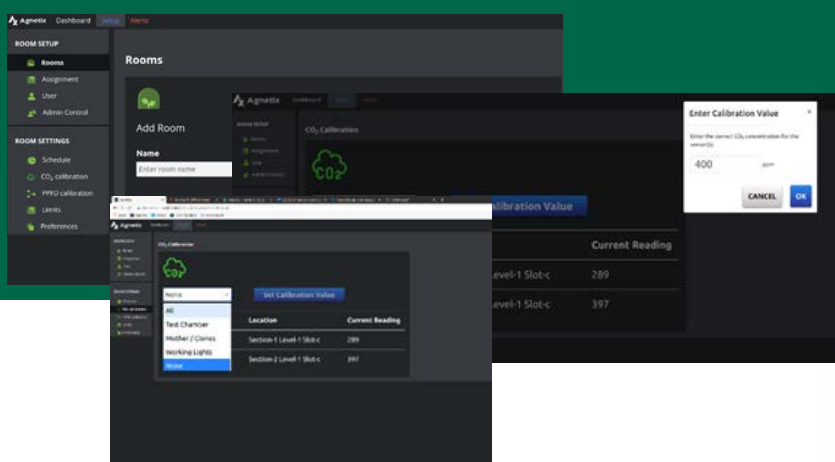
CONNECTED
SYSTEM
ZENITH/HMI



MULTI-POINT VISIBILITY
Real-time Data



HIGH-VALUE
Environmental
Metrics



HARMONY Sensor

Specifications

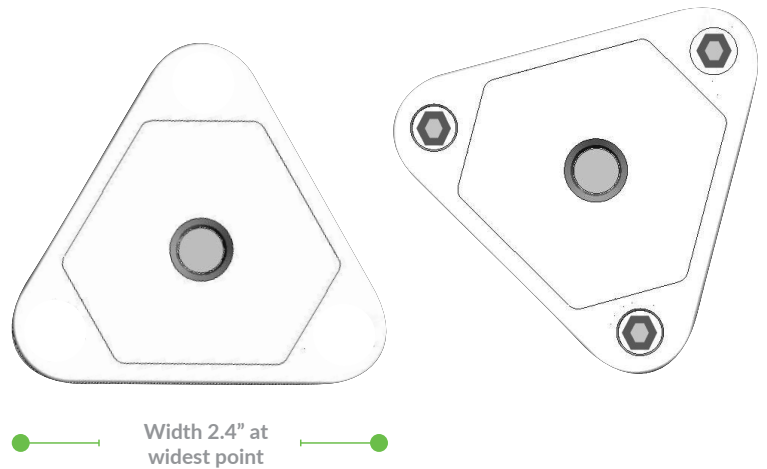
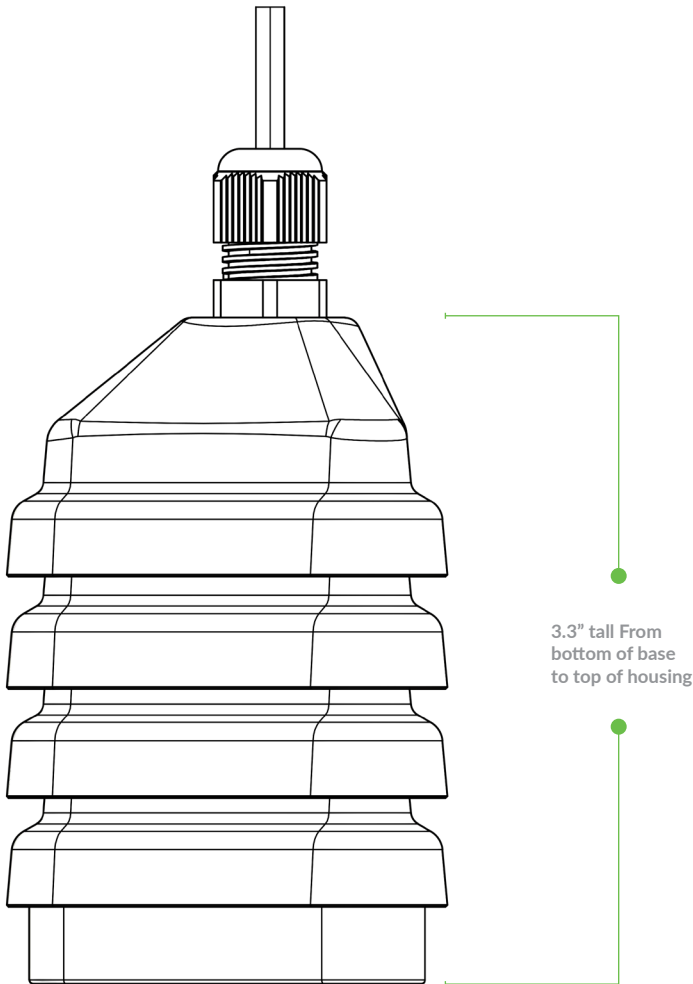


The Agnetix HARMONY is an all-in-one environmental sensor that connects easily to the ZENITH and communicates seamlessly with the HMI to deliver precise readings of temperature, humidity, and CO₂, as well as calculated Vapor Pressure Deficit (VPD) and Dew Point for easy crop management.

SIDE VIEW

TOP VIEW

BOTTOM VIEW



STANDARD USB CONNECTION



PRODUCT SPECIFICATIONS

PHYSICAL

Housing	Plastic, Not Water Resistant
Dimensions	3.3" x 2.4"
Weight	5oz
Mounting	USB Connector

WARRANTY AND LIFETIME

Product warranty (see terms and conditions)	1 year
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ENVIRONMENT

Operating Conditions	32°F (0°C) to 122°F (50°F)
Storage Conditions (no liquid)	-40°F (-40°C) to 158°F (70°C)

SENSOR PERFORMANCE

Air Temperature	Temp sensing range 32°F to 122°F Temp accuracy 0.4°F (0.2°C) typical, 0.7°F (0.4°C) maximum
Relative Humidity	Humidity sensing range 0 - 100% Humidity accuracy 2% RH typical, 2.5% RH maximum
CO ₂	CO ₂ sensing range: 400 - 10,000ppm** CO ₂ accuracy ±100ppm
Vapor Pressure Deficit (VPD)	Calculated in HMI
Dew Point	Calculated in HMI

NOTES

*Exposure to very high humidity levels for long periods will temporarily degrade the humidity sensor accuracy

**HARMONY Sensor must be calibrated. Includes sensor variation and temperature effects. Calibration is recommended after sensors installed or subjected to physical stress





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