AirSense™
Professional Series

Proudly

MADE IN USA

Model 350

Infrared Carbon Dioxide Sensor

Bullet-Proof Performance!

The new AirSense™ Model 350 delivers reliable and hassle-free carbon dioxide (CO_2) sensing. You know us as a leader in CO_2-sensing, but the Model 350 is the strongest, most reliable, and most versatile product we have ever offered!

The Model 350 employs our patented single button calibration, which makes field calibration a snap... but please do not be disappointed if you never need to use this easy calibration feature, because the Model 350 is engineered to give you the best stability available in a low-cost PPM CO_2 sensor!

Conservation

Cost Savings!

The AirSense Model 350 CO_2 sensor does more for less! Priced far below the cost of its predecessor, the Model 350 offers expanded versatility for a lower price!

Efficiency

Energy-Efficiency!

The AirSense Model 350 draws over ***60 percent less energy*** than previous generations of CO_2 sensors! This is thanks to our integrated Power Management Software, which operates with such efficiency that you will save money *and* reduce your carbon footprint!

Performance

Reliability!

The AirSense Model 350 comes standard with our Adaptive Sensing Technology, which reduces the long term drift that has characterized NDIR sensors up to now. Specifically designed to reduce service calls, the Model 350 sets a new standard for quality!

DCS Digital Control Systems, Inc.
7401 SW Capitol Highway • Portland, OR 97219 USA • Toll free: (877) 468-6337 • Fax: (503) 246-6747 • www.dcs-inc.net

Responsibility

You get more for less!

The AirSense Model 350 is the successor to our tried-and-true Model 310e. This next generation product allows you to order only those features you need, saving you money!

In addition, new features (such as an alarm and RH Sensor) are now available for very little cost! ***Win more bids with the versatile and inexpensive Model 350!***

Made in America

AirSense ***always has been, and always will be,*** designed and manufactured in America!

Made in USA

CARBON DIOXIDE SENSOR (CO2)	
Parameter	Value
Operating Principle	Non-dispersive infrared (NDIR)
Gas Sampling Method	Diffusion
Measurement Range	0-2000 ppm (Other ranges available by request)
Alarm set point (factory default)	2000 ppm (Other set point available by request)
Repeatability	± 20 ppm CO2
Measurement Accuracy	± 30 ppm ± 2% of reading
Recommended Calibration Interval	5 years
Warm Up Time	Less than 1 minute
Power Requirements	18 - 30 VDC or 18 - 28 Vrms AC
Operating Temperature Range	0 - 50 ^{0}C
Operating Humidity Range	0 - 99% RH, non-condensing
Voltage Output (linear)	0 - 10 VDC full-scale standard
Optional Current Output (linear)	4-20 mA R_{LOOP} < 600 Ω
Calibration	ONE Point : Single-button calibration (Patented)
Dimensions	4.5 x 2.8 x 0.9 inches
Warranty	18 Months

Ordering Table

Mount style	Description
W	Wall-mount
D	Duct-mount

Optional Relay	
R	Relay included
Blank	No relay

Optional Piezo Alarm	
A	Alarm included
Blank	No Alarm

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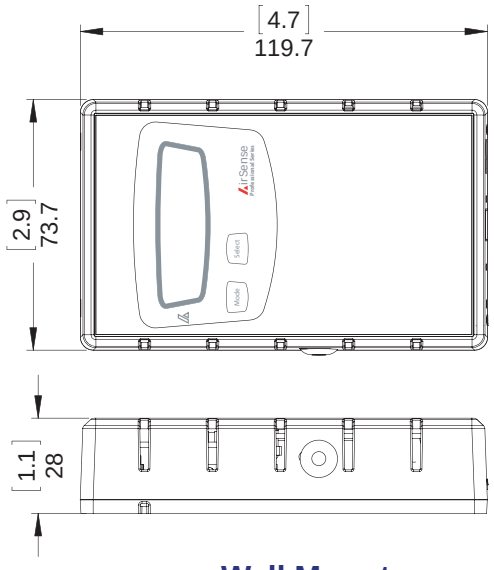
Series						

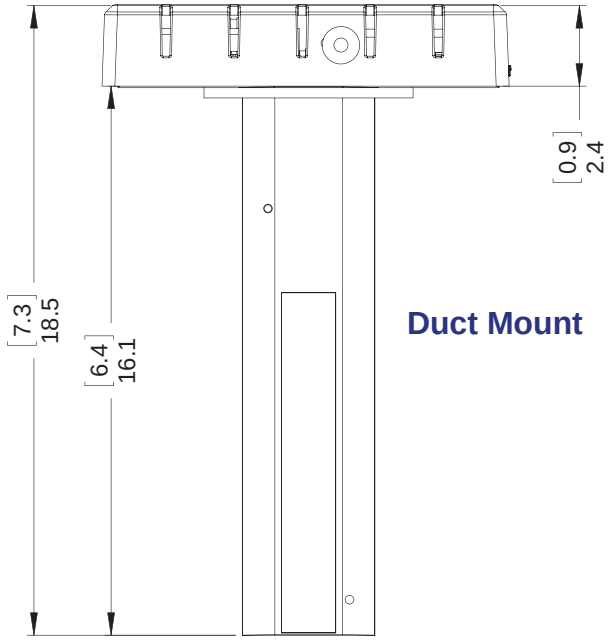
Output	Description
V	0-10V
C	4-20mA

Optional LCD	
L	LCD included
Blank	No LCD

Optional RH Sensor	
RH	RH Sensor included
Blank	No RH Sensor



Wall Mount



Duct Mount

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