

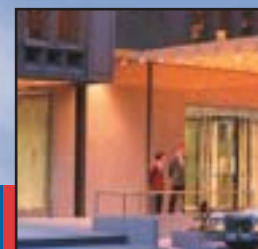
Harnessing the Power of Mobile Computers

for Advanced Environmental Measurements



DIRECT SENSE™ IAQ

Indoor Air Quality Monitor



DIRECTSENSE™ IAQ

INDOOR AIR QUALITY MONITOR

GrayWolf is changing the way that environmental measurements are taken. The DirectSense™ IAQ harnesses leading-edge sensor technology with the *POWER AND PERFORMANCE* of mobile computing: your choice of **Pocket PC** or **Notebook PC** platforms.

- Organizes ALL survey info — data, text, calibration history and more...
- Tap the screen for sensor tips, IAQ documents and guidelines
- Measures CO, CO₂, %RH, Temperature and more...
- Options for Airspeed, Toxic Gases, Particulates and more...
- Extremely easy to use
- Comes with 17 preformatted IAQ report templates
- WolfSense™ PC desktop analysis software is included for simplified report generation
- Identifying and documenting indoor air conditions is efficient and easy



GRAYWOLF
SENSING SOLUTIONS, LLC
12 Cambridge Drive, Trumbull, CT 06611

Ph. 203-416-0005
Fax: 203-416-0002

Email: Sales@WolfSense.com
Website: www.WolfSense.com

Advanced Environmental Measurements Made Easy

✓ Measure ✓ Data Log ✓ Organize ✓ Document



Example Pocket PC Screens

Text Note

Probe Calibration Info

Pocket Word Template(s)

Audio Note

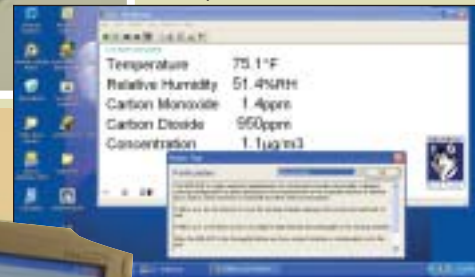
Optional Event Notes

Graphic Note Attached

Display measurements in realtime. Access "sensor tips", IAQ documents and guidelines on-screen. Store "snapshot" readings at the push of a button. "Trend" log over hours/days/weeks on preset intervals. Document each measurement location with text, graphic, even audio information. Attach Word report templates, or optional photo/event/custom notes.



Example Notebook Screen



All GrayWolf systems are supplied with WolfSense PC software for desktop data analysis and detailed report generation.

WolfSense PC Data Analysis/Reporting Screens

Click on attached notes to review them or to copy into a report. Generating detailed IAQ reports has never been easier.

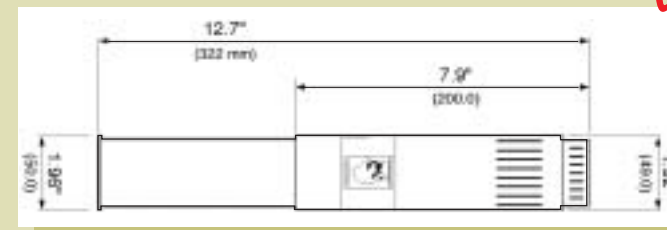


GrayWolf provides Pocket PCs and Notebooks that are ideal for the application — or use your own.

CO₂
CO*
%RH
TEMPERATURE

DEWPOINT, WETBULB, ABSOLUTE HUMIDITY
SPECIFIC HUMIDITY, HUMIDITY RATIO

IQ-410



Accurate, fast response sensors for Carbon Dioxide, Carbon Monoxide*, Relative Humidity and Temperature are perfect for quick walk-through surveys and for long-term trending.

*O₂, O₃, NH₃, NO₂, SO₂, HCN, HCl, Cl₂ or H₂S may be substituted for the CO sensor.



GrayWolf offers optional probes to expand your measurement capabilities.

**RH-302/
RH-310**
Relative Humidity & Temperature probes



AS-201
Air Velocity probe



TG-501
NO, SO₂, EtO, NO₂, H₂S, HCN, O₂, NH₃, O₃ and more.
Up to five sensors plus °F / °C in one probe



PM-201
Particle Concentration



SL-601
Sound Level



PC-102/106
Particle Counts



Additional sensors, GrayWolf probes and 3rd party interfaces are on the way... your DirectSense Monitor expands as your application needs grow.



For the most advanced environmental instrumentation

DIRECT SENSE™ IAQ

Indoor Air Quality Monitor

SPECIFICATIONS: IQ-410

Carbon Dioxide: (NDIR) **Range:** 0 to 10,000 ppm
Accuracy: ±3%rdg ±50ppm

Carbon Monoxide: (electrochemical) **Range:** 0 to 500 ppm
Accuracy: ±2ppm <50ppm, ±3%rdg >50ppm

Relative Humidity: (capacitive) **Range:** 0 to 100 %rh.
Accuracy: ±2%rh <80%rh (±3%rh>80%rh)

Temperature: (PT100) **Range:** 15° to 160°F (-10° to +70°C)
Accuracy: ±0.3°C

Response Time: All sensors exhibit 90% response <1 minute

Probe Dimensions : 2in. (5cm) dia. x 12.5in. (30cm) lgth.

Weight (probe): w/batteries 1lb. 10oz. (0.7kg)

Power (probe): 2 x D cells; typical battery life 150 hrs.
@ 15°C, or 3VDC w/AC adapter
(computer battery life varies by make and model)

PC Software Req's: Windows 98/2000/Me/NT/XP
10MB hard disc (min.) space

GRAYWOLF SOFTWARE IS 21 CFR PART 11 COMPLIANT.

ALL SPECIFICATIONS ARE TO SUBJECT TO CHANGE WITHOUT FURTHER NOTICE.

- The DirectSense IAQ Standard and DirectSense IAQ Professional are complete kits that include your choice of Pocket PC, HPC or Notebook computer and come with the IQ-410 IAQ probe, WolfSense™ IAQ application software, WolfSense PC desktop data analysis/reporting and much more. Contact your representative or GrayWolf for details.
- GrayWolf offers optional add-on software modules: **VentCal** for outdoor air volume determination (use CO₂ tracer for your choice of Equilibrium, Tracer Decay, and/or Air Ratio calculation). **Advanced Annotation** software for enhanced documentation: Event notes, Custom notes (attach PPC files or Desktop PC files), Photo attachments, Barcode file recognition. **Advanced Reporting** for augmented report generation: 3D graphs, multiple desktop report templates and more.
- Portable printers, folding PPC keyboards, barcode kits, PPC cameras, Pocket CAD software and other accessories are available from GrayWolf.

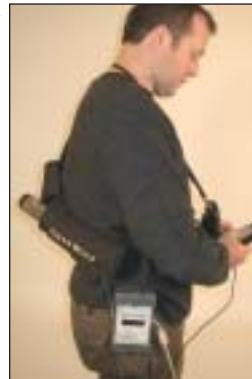


VentCal PPC Screen



▲ PCC-10 Security Case

▶ PCC-PH01 PPC Case and PCC-05IQ Probe Pouch (shown w/MIE Particulate Monitor)



▼ PCC-MN02 Notebook Soft Case



◀ ACC-TPD1 Tripod with ACC-MNT1 PPC Mount



▶ PCC-20X Rugged PPC Housing, and PCC-20B with Extended Life Battery



▶ CA-RH1 %RH Cal Kit



◀ CA-GS12 Gas Cal Kit



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12 Cambridge Drive
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Ph. 203-416-0005

Fax: 203-416-0002



GRAYWOLF[®]
SENSING SOLUTIONS, LTD

Tuamgraney Industrial Estate, Unit 8
Tuamgraney, Co Clare, Ireland

Ph. (353)61921736

Fax: (353)61921528

Email: Sales@WolfSense.com

www.WolfSense.com