

Advanced Environmental Instrumentation

Harnessing the Power of Embedded Computers



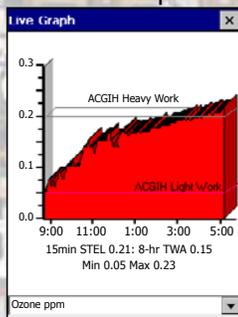
✓ Surveyed

✓ Documented

✓ Reported



Live Graph



Example Screens

Live Display

File	Log	Probe	View
TVOC		498	µg/m3
Carbon Dioxide		848	ppm
Carbon Monoxide		3.8	ppm
Ozone		0.49	ppm
Hydrogen Sulfide		0.30	ppm
Chlorine		0.08	ppm
Particulate		1.49	µg/m3
Barometric		760	mmHg
Formaldehyde		18	ppb

<< Back Next >> Auto Scroll

Menu Snap

Live: Mfg floor

Select Data-Log Mode



Attach Notes On-Site

Text Note

WOLFPACK®

Modular Area Monitor

The WolfPack's embedded computer runs GrayWolf's WolfSense® application software for displaying, documenting, and logging key parameters. The WolfPack is an Area Monitor for Indoor Air Quality, Toxic Gas and other environmental air monitoring applications.

- Modular system: probes may be interchanged with AdvancedSense® meters or tablet PCs for walk-thrus/spot-checks
- Plug in up to 3 GrayWolf DirectSense® probes (up to six sensors per probe)
- Additionally, interface a particulate meter and/or a formaldehyde meter (displays and logs into the same data file)
- Choice of PID for VOCs, NDIR CO₂, %RH, °C/°F and from 22 specific electrochemical gas sensors; CO, O₃, NO₂, NO, SO₂, NH₃, H₂S, Cl₂, HCl, EtO, HCN, H₂, HF, AsH₃, or others
- Optional auto-zeroing differential pressure and/or barometric pressure
- Monitor up to 32 parameters simultaneously
- On-board productivity tools: video help, parameter details, sensor info, text & audio notes and much more...
- Powerful WolfSense PC desktop data transfer and reporting software included
- WiFi card standard, for e-mailing data and uploading software updates. Optional GrayWolfLive™ software enables remote data access, and e-m/text alerts when in alarm



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WOLFPACK[®]

Modular Area Monitor

SPECIFICATIONS:

(for additional sensor/probe specifications please refer to GrayWolf's probe brochures)

Dimensions:

Without handle:	9.84in. (25cm) w. x 10in. (25.5cm) h. x 5.1in. (13cm) d.
With handle:	11in. (28cm) w. x 16in. (40.9cm) h. x 5.1in. (13cm) d.
Overall Height with probe(s) fitted:	18.1in. (46cm)
Weight (without probes):	11lb. 5 oz. (5kg)
Probe Weight (without probe handle):	~8 oz.
PCC-16 Hardshell Case:	19.7in. (50cm) w. x 24.6in. (62.5cm) h. x 11.7in. (30.0cm) d.

Power:

Battery:	Lead Acid (rechargeable)
Battery Life: (new bat. powering PID, NDIR & multi EC sensors)	15 hours typical with backlight off, fan on 21 hours typical with backlight off, fan off
Recharge time (100/250VAC, 50-60Hz internal charger):	5 hours

Connectors:

- 3 x Lemo 8 pin for GrayWolf probes
- 1 x Lemo 7 pin for optional USB key download cable, formaldehyde meter or camera
- 1 x Lemo 6 pin for particulate, 3rd party meters
- 1 x mini USB socket - 1m USB B to USB A download cable supplied as standard
- 1 x IEC 320 universal socket for power. 1.5m cable with local plug supplied

Miscellaneous:

Operating Range: -10°C to 50°C (15°F to 122°F), 0 to 98% RH (non-condensing)
 Screen Size: 3.5" HVGA 320 x 480 color touch screen with backlight
 Memory: 32GB for data-logging (1million+ readings), audio notes, program, help videos, documents and auto data backup
 Adjustable handle - adjust to any angle from 180° to 30°
 Wireless Network: WiFi 802.11 a/b/g with integrated antenna and Bluetooth 4.0 standard (may optionally be ordered with wireless hardware removed)
 Wall-mountable if required
 GrayWolf Software is 21 CFR Part 11 Compliant
All specifications are subject to change without further notice

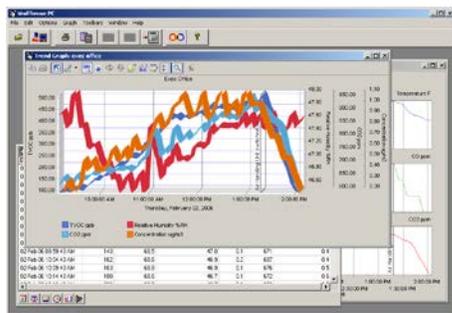
Optional Built-in Sensors:

	Differential Pressure (DP-702LH)	Barometric Pressure (BP-101) [*]
Range	±10,000Pa, ±40 inH ₂ O, ±1000 mmH ₂ O, ±100 mbar, ±70 mmHg	600 to 825 mmHg, 800 to 1100mBar, 23.50 to 32.50 inHg, 0.80 to 1.10atm
Resolution	0.1 Pa, 0.001 inH ₂ O, 0.01 mmH ₂ O, 0.001 mbar, 0.001 mmHg	0.1mmHg, 0.1mBar, 0.01 inHg, 0.01atm
Accuracy (auto-zeroing enabled)	±1% of rdg ±0.1Pa up to 250Pa, ±1%rdg ±4Pa >250Pa (±1% of rdg ±0.001 inH ₂ O to 1.000 inH ₂ O, ±1%rdg ±0.015 inH ₂ O >1.000 inH ₂ O)	±0.1% rdg

Differential Pressure is auto-zeroing (every 2 minutes by default but zeroing frequency is user adjustable to 5 min. or OFF)

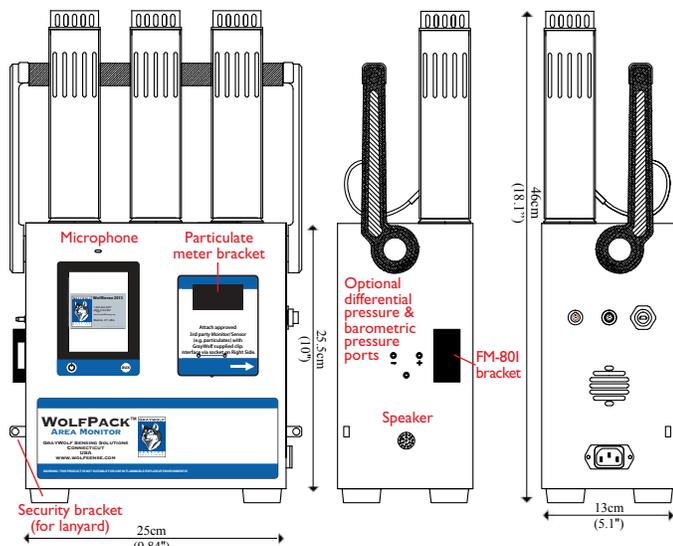
*The barometric pressure sensor will, when installed, compensate mass concentration readings (µg/m³) for pressure changes.

Refer to the GrayWolfLive brochure for specifications on remote access and alerts.



MEASURE SMART

REPORT EFFICIENTLY



Probes are inter-changeable with **AdvancedSense** meters and tablet/laptop PCs



WolfPack shown with **PM-205** Particulate Monitor (Thermo pDR-1500)

▲ WolfPack shown with **PC-3016A** 6-channel Particle Counter and **FM-801** Formaldehyde meter interfaced

PCC-16 Hardshell Carrying Case with handle, wheels and storage for WolfPack, probes, mobile PC and accessories. Dimensions: 62.5cm x 50.0cm x 30.0cm (24.6" x 19.7" x 11.7")



Calibration kits, Advanced Reporting Software, tablet PCs and other accessories are available from GrayWolf. View them online at accessories.graywolfsensing.com

◀ **WolfSense PC** data transfer and analysis software supplied as standard



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