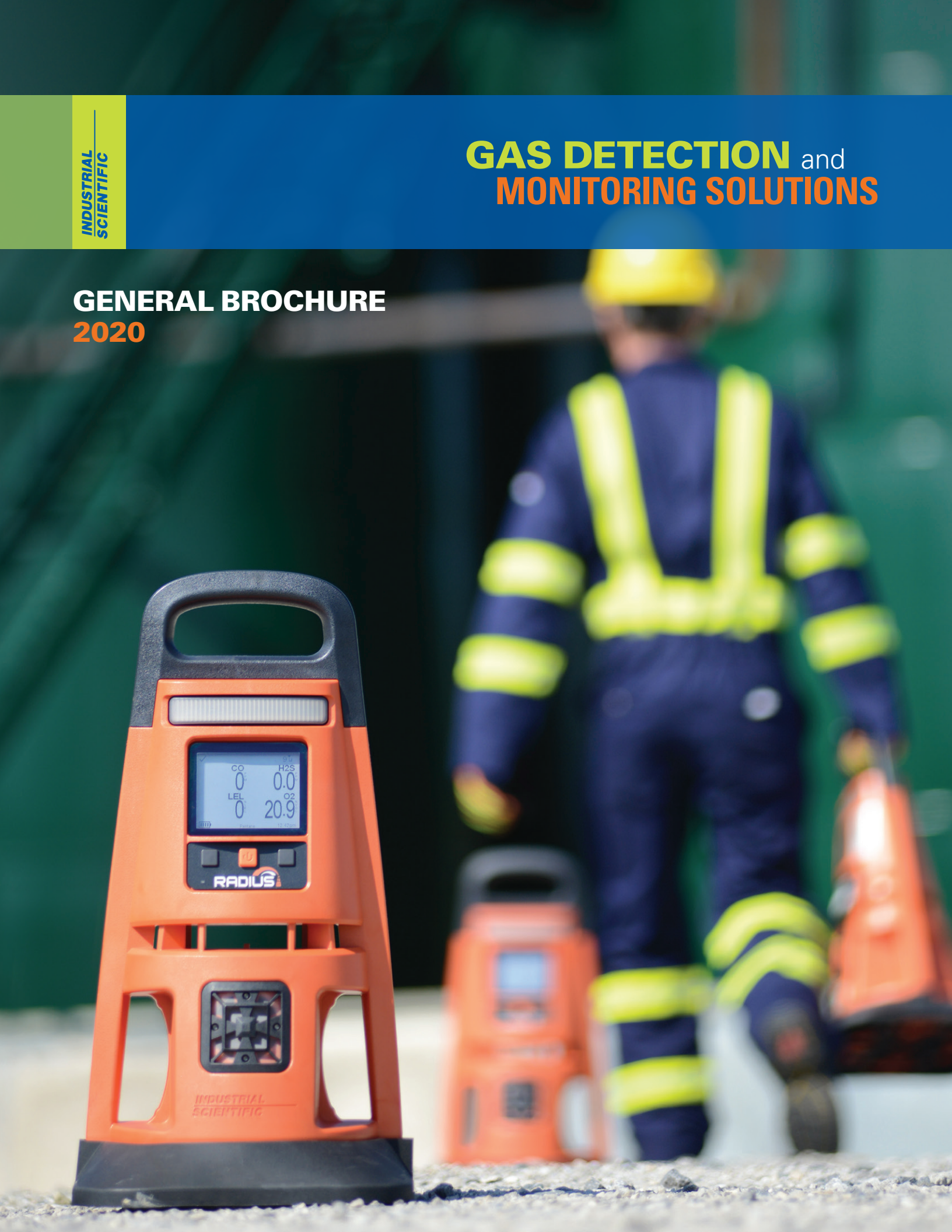
INDUSTRIAL SCIENTIFIC

GAS DETECTION and MONITORING SOLUTIONS

GENERAL BROCHURE
2020



iNET®
SOFTWARE

iNet Solutions

Whether you need live monitoring with real-time alerts, gas detection management with historical reports, or maintenance-free instrument exchanges, our iNet® suite of solutions will help you to be safer and more productive.

iNet® Exchange is a subscription-based service for gas detectors covering repair and replacement. iNet Exchange simplifies operations across your gas detection program by delivering equipment on demand. Parts, equipment, and shipping are covered, and you can even trade in damaged instruments.

- Always have the equipment you need, when you need it
- Eliminate unexpected gas detector repair and replacement expenses
- Avoid instrument downtime with proactive replacement, typically within 48 hours
- Get everything you need for your gas detection program including setup, training, calibration gas, maintenance, and repair

See all features and benefits at
www.indsci.com/inet-exchange

iNet® Control allows you to easily manage your hazards, people, and equipment from anywhere with one simple dashboard.

- Generate reports on alarm counts by gas and user
- Report on bump test and calibration trends
- Auto replenish calibration gas cylinders when iNet Control detects low levels
- Know who does not bump test regularly, who repeatedly enters areas known for high alarm activity, and who sets alarms above the recommended value
- For DSXi Docking Station customers, access to iNet Control is included

See all features and benefits at
www.indsci.com/inet-control

iNet® Now live monitoring software provides real-time visibility via iNet software, text, and email alerts for gas hazards, panic, and man-down situations. With iNet Now, you can have confidence that workers are visible, even when they are miles away.

- Use real-time data to assess emergency situations and respond appropriately
- Verify mobile worker status without burdening or distracting workers with manual check-ins
- Improve the reporting of your safety incidents by following up in real time versus days or weeks later

See all features and benefits at
www.indsci.com/inet-now

Join the 10,000+ Customer Sites on iNet

Over 75,800,000 Alarm Events | Over 380,000 Gas Detectors
85 Countries | 18 Years of Cloud Experience

LENS® WIRELESS

LENS® Wireless is the first gas detection solution that allows personal monitors and area monitors to wirelessly share gas readings and alarms with one another. Now when a gas hazard, man-down, or panic situation causes an instrument to alarm, all peers in the connected group will instantly be notified of the hazard and the person in danger, allowing them to make smarter, faster, safer decisions.

- View gas readings from other peers in your group on any monitor without needing a central controller to relay the information
- Share gas readings and alarms between Ventis® Pro5 Multi-Gas Monitors and Radius® BZ1 Area Monitors from up to 1.5 km (about 1 mile) away with wireless hopping between instruments
- Enjoy out-of-the-box operation with no site surveys, IT setup, licenses, or additional infrastructure
- Connect up to 25 devices in a group with a simple tap
- Self-healing mesh networks always stay connected, even if a single unit drops off

See all features and benefits at
www.indsci.com/lens-wireless

Average time to deploy 25 LENS Wireless instruments
(Joining 25 instruments into a group)

2 minutes

Average time to implement other wireless solutions
(Instrument, IT, and central controller setup)

2 hours – 2 days

SPECIFICATIONS*

Optional LENS Wireless, mesh network
Frequency: ISM license-free band (2.4 GHz)
Max Peers: 25 devices per network group
Range: Ventis Pro5: 100 m (300 ft) line of sight, face-to-face
Radius BZ1: 300 m (~1,000 ft) line of sight
Encryption: AES-128
Approvals: FCC Part 15, IC, CE/RED, others

*See www.indsci.com/wireless-certifications for country-specific wireless approvals and certifications.

iASSIGN®
BEACON AND TAGS

iAssign® Beacons and Tags allow you to go beyond the basic "what" and "when" data from gas detectors to understand "who" and "where."

Using a pre-programmed iAssign Tag, operators can wirelessly enter a name into a device by simply tapping it with a tag. Now all data recorded in the instrument will be tagged with the user's name. This allows users to carry different gas monitors each day while still having a clear data record of who had an instrument when it went into alarm. When a worker (and tagged device) approaches an iAssign Beacon on your site, the beacon adds the device location to the data. iAssign Beacons can also be set with permission levels, allowing you to send automatic alerts to workers entering restricted areas.

- Locate problem sites across your facility
- Alert workers when entering restricted areas with simple-to-program proximity alarms
- Manage worker clearances without the need for separate devices, extra signage, or physical barriers
- Intrinsically-safe beacons can be used indoors or outdoors, and cover areas as small as 1 meter or as large as 30 meters

iAssign Tag Specifications				
Tag Type	Standard Tag	Waterproof Tag	All Weather Tag	Keychain Tag
Part Number (Pack of 10)	18109417	18109418	18109419	18109420
Thickness	0.7 mm	1.5 mm	3 mm	4 mm
Adhesive Back	Yes	Yes	No	No

iASSIGN TAG SPECIFICATIONS

TECHNOLOGY
Near Field Communication (NFC)

PROGRAMMING METHOD
iAssign app available in Google Play store

APPLICATION
iAssign tags may be used to track workers and locations

iASSIGN BEACON SPECIFICATIONS*

PART NUMBER
18109491

RUN TIME
Four years

WARRANTY
One year

INGRESS PROTECTION
IP65

TEMPERATURE RANGE
-40 °C to 50 °C

HUMIDITY RANGE
0% to 100% RH

DIMENSIONS
125 x 85 x 43mm (5 x 3.3 x 1.68 in)

WEIGHT
9 oz (250 g)

RANGE
Configurable from 1 to 30 m (3 to 100 ft)

TECHNOLOGY
Bluetooth, Near Field Communication (NFC)

PROGRAMMING METHOD
iAssign app available in Google Play store

ACCESSORIES
Instruction card, drywall anchors, screws

APPLICATION
iAssign beacons may be used to track locations only

CERTIFICATIONS
ATEX: II 1 G, Ex ia IIC T4 Ga
c UL us: Cl I, Div 1 Gr A, B, C, D, T4; Cl II, Div 1, Gr E, F, G; Cl I Zone 0, AEx ia IIC T4; Ex ia IIC T4
IECEx: Ex ia IIC T4 Ga
Wireless: FCC Part 15, IC

BLUETOOTH LOW ENERGY
Frequency: 2402 to 2480 MHz
Transmit power: +4 dBm
Based upon standard: Bluetooth v4.1
Contains FCC ID#: RYYEYSGJN (Taiyo Yuden)

* These specifications are based on performance averages and may vary by instrument.

See all features and benefits at
www.indsci.com/iassign

RGX®
GATEWAY

The portable RGX® Gateway transmits location, gas readings, and real-time alerts from anywhere, including hazardous locations, so you can respond faster and improve productivity. The RGX Gateway is suitable for permit tasks that last hours, incidents that last days, or projects that last weeks.

- Receive real-time alerts and location data from personal gas monitors and area monitors
- Monitor hazardous locations and get data out of confined spaces in real time
- Up and running in minutes without the need for costly IT infrastructure
- Compatible with LENS Wireless-enabled Ventis Pro5 Multi-Gas Monitors and Radius BZ1 Area Monitors
- 168 hours of continuous run time
- Cell, wi-fi, or Ethernet connectivity options
- Automatic configuration and firmware updates without taking the gateway out of the field

See all features and benefits at
www.indsci.com/rgx

COMMON INSTRUMENT CONFIGURATIONS

PART NO.	DESCRIPTION
18109509-001	RGX Gateway, No SIM, wi-fi/Ethernet compatible, LENS Repeater Mode, cULus, North American Power Cord
18109509-011	RGX Gateway, USA, LTE (Verizon compatible), cULus, North American Power Cord
18109509-021	RGX Gateway, USA, LTE (AT&T compatible), cULus, North American Power Cord
18109509-041	RGX Gateway, Canada, LTE, (Telus/Bell/Rogers compatible), cULus, North American Power Cord
18109509-062	RGX Gateway, EMEA, 3G (Tele2 compatible), ATEX/IECEx, EU Power Cord
18109509-075	RGX Gateway, Asia Pacific, 3G (Telefonica compatible), China Ex, Australian Power Cord

CHARGERS AND POWER CORDS

PART NO.	DESCRIPTION
18109388-1A	Extended Run Time Power Supply A = Power Cord, where 1 = North America, 2 = Europe, 3 = Australia, 4 = UK
18109516	Intrinsically Safe Extended Run Time Power Supply (CSA)
17156261	50m Replacement Intrinsically Safe Cable

SPECIFICATIONS

WARRANTY 2 years

DIMENSIONS 11 x 9 x 6 in (28 x 23 x 15 cm)

WEIGHT 5.6 lb (2.5 kg)

CASE MATERIAL
Polycarbonate | Leather external case

RUN TIME / POWER SOURCE
Rechargeable Battery Pack:168 hours at 25 °C (77 °F), 5 minute non-critical data interval
Charge Time: Up to 8 hours
Power Voltage Inputs: 9-30 VDC (for operation in industrial facility, vehicle, and office)

TEMERATURE RANGE
-20 °C to 55 °C (-4 °F to 134 °F)

HUMIDITY RANGE
5% to 95% non-condensing (continuous)

INGRESS PROTECTION
IP65

LOCATION
GPS Radio; Antenna: Internal; Accuracy: ~10 m (32 ft) outdoors

SUPPLIED WITH GATEWAY
Charging Power Cord

OPTIONAL ACCESSORIES
Extended Run Time Power Supply (intrinsically safe or standard)
Mounting Kits (wall or magnet)

USER INTERACTION
Power Button with Status Indicator
Configuration: Locally over Ethernet or wi-fi, or remotely over-the-air (iNet® Control)
Firmware Upgrades: Over-the-air

COMMUNICATION*
LENS WIRELESS, MESH NETWORK
Frequency: ISM license-free band (2.4 GHz)
Max Instruments: 25 devices (including RGX)

RANGE
World Mode, RGX Gateway to RGX Gateway 300 m (~1,000 ft) line of sight
CE/RED Compliant Mode, RGX Gateway to RGX Gateway 185 m (~600 ft) line of sight
World Mode, RGX Gateway to Radius BZ1 300 m (~1,000 ft) line of sight
CE/RED Compliant Mode, RGX Gateway to Radius BZ1 185 m (~600 ft) line of sight
World Mode, RGX Gateway to Ventis Pro5 100 m (~300 ft) line of sight
CE/RED Compliant Mode, RGX Gateway to Ventis Pro5 100 m (~300 ft) line of sight

ENCRYPTION: AES-128

APPROVALS: FCC Part 15, IC, CE/RED, Others*

CELLULAR
LTE with 3G fallback
US: Verizon, AT&T, T-Mobile
Canada: Telus, Bell, Rodgers
EMEA: Tele2
Asia Pacific: Telefonica
Antenna: Internal Multi-Band

WI-FI
802.11 b/g/n 2.4 GHz wi-fi with WPA2 Enterprise security

ETHERNET (INTERNAL ONLY)
Ethernet 10/100 Mb

HAZARDOUS CERTIFICATIONS
ATEX**: Zone 2: Ex ec ic IIC T6 Gc; RoHS Compliant
China Ex: Zone 2: Ex ec ic IIC T6 Gc (CN)
cULus: Class I, Division 2, Groups A, B, C, D, T6; Zone 2: Ex ec ic IICT6 Gc (CA)
AEx ec ic IIC T6 Gc (US)
IECEx**: Zone 2: Ex ec ic IICT6 Gc

* See www.indsci.com/wireless-certifications for country-specific wireless approvals and certifications
** Requires leather case

VENTIS® MX4
MULTI-GAS MONITOR

The Ventis® MX4 is a four-gas monitor with the portability and size of a single-gas monitor. Eliminate the need for extra monitors and transition seamlessly from personal monitoring to confined space entry with the Ventis® Slide-on Pump—ideal for operators who wear their gas monitors primarily for personal protection but occasionally require a pump for confined space entries.

- Detect up to four gases with a wide range of sensor options
- Select alarm set points, set latch alarms, disable instrument shutdown while in alarm, and more
- Save time and reduce human error with maintenance and usage data available from iNet Control software
- Available with or without an integral pump, or with the Ventis Slide-on Pump for ultimate flexibility
- Non-pumped instruments compatible with 12-hour, 18-hour, or 20-hour batteries

See all features and benefits at
www.indsci.com/ventis

SPECIFICATIONS*

WARRANTY
Monitor, pump (if applicable), CO, H_2S, O_2, and LEL sensors have a four-year warranty. All other sensors and batteries are warranted for two years.

CASE MATERIAL
Polycarbonate with protective rubber overmold

DIMENSIONS
103 x 58 x 30 mm (4.1 x 2.3 x 1.2 in) without Pump, Lithium-ion battery version
172 x 67 x 66 mm (6.8 x 2.6 x 2.6 in) with Pump, Lithium-ion battery version

WEIGHT
182 g (6.4 oz) without Pump, Lithium-ion battery version
380 g (13.4 oz) with Pump, Lithium-ion battery version

POWER SOURCE/RUN TIME
Rechargeable Slim Extended Lithium-ion Battery
(18 hours typical @ 20 °C) without Pump
Rechargeable lithium-ion battery
(12 hours typical @ 20 °C) without Pump
Rechargeable Extended-Range Lithium-ion Battery
(20 hours typical @ 20 °C) without Pump
(12 hours typical @ 20 °C) with Pump
Replaceable AAA Alkaline Battery
(8 hours typical @ 20 °C) without Pump
(4 hours typical @ 20 °C) with Pump

ALARMS
Ultra-bright LEDs, loud audible alarm (95 dB at 30 cm), and vibrating alarm

DISPLAY/READOUT
Backlit Liquid Crystal Display (LCD)

TEMPERATURE RANGE
-20 °C to 50 °C (-4 °F to 122 °F) **

HUMIDITY RANGE
15% to 95% non-condensing (continuous)

SENSORS AND MEASURING RANGES

Combustible Gases:	0-100% LEL in 1% increments
Methane (CH_4):	0-5% of vol in 0.01% increments
Oxygen (O_2):	0-30% of vol in 0.1% increments
Carbon Monoxide (CO):	0-1,000 ppm in 1 ppm increments
Hydrogen Sulfide (H_2S):	0-500 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO_2):	0-150 ppm in 0.1 ppm increments
Sulfur Dioxide (SO_2):	0-150 ppm in 0.1 ppm increments

SUPPLIED WITH MONITOR
Calibration Cup (without Pump), Sample Tubing (with Pump)

*These specifications are based on performance averages and may vary by instrument.

** Operating temperatures above 50 °C (122 °F) may cause reduced instrument accuracy. Operating temperatures below -20 °C (-4 °F) may cause reduced instrument accuracy and affect display and alarm performance. See Product Manual for details.

VENTIS® PRO5
MULTI-GAS MONITOR

The Ventis® Pro5 is a five-gas monitor with a dedicated man-down alarm, panic button, and custom on-screen messages, making it easy for workers to communicate and operate. The Ventis Pro5 also provides flexible connected safety options, whether you want peer-to-peer alarm sharing, remote live monitoring with location details, or both.

- Flexible sensor configurations detect up to five gases simultaneously
- See alarms and gas readings from other Ventis Pro5 Multi-Gas Monitors and Radius BZ1 Area Monitors with integrated LENS Wireless Technology
- Send real time location and alarm data directly from Ventis Pro5 Gas Monitors to iNet Now Live Monitoring Software
- Track assets and people in real time with iAssign Technology
- Available with or without an integral pump, or with the Ventis Slide-on Pump for ultimate flexibility
- DualSense® Technology increases worker safety by using two sensors to detect the same gas
- Dock overdue and maintenance reminders
- Compatible with most Ventis MX4 accessories

See all features and benefits at
www.indsci.com/ventispro

Sensor & Configuration Options

The Ventis Pro5 offers sensor and configuration options for multiple industries and applications, including standard and non-standard 4-gas, 5-gas, and a methane IR sensor making it a cost-effective option for personal protection and confined space applications.

LEL (CH_4 % Vol)	Cl_2	NO_2	IR HC
LEL (Methane)	CO	IR CH_4	HCN
LEL (Pentane)	CO/H_2 Low	IR CO_2	NH_3
O_2	CO/H_2S	IR CO_2/CH_4	PH_3
H_2S	SO_2	IR CO_2/LEL	

SPECIFICATIONS*

WARRANTY
Monitor is Guaranteed for Life™ as long as the instrument is supported by Industrial Scientific Corporation (excludes sensors, batteries, and filters). O_2, LEL, CO, and H_2S sensors and pumps are warranted for four years. All other sensors and batteries are warranted for two years.

CASE MATERIAL
Polycarbonate with protective rubber overmold

DIMENSIONS
104 x 58 x 36 mm (4.1 x 2.3 x 1.4 in) without Pump
172 x 67 x 65 mm (6.8 x 2.6 x 2.6 in) with Pump
104 x 58 x 61 mm (4.1 x 2.3 x 2.4 in) with wi-fi Battery

WEIGHT
200 g (7.05 oz) typical, without Pump
390 g (13.76 oz) typical, with Pump
243 g (8.5 oz) typical, with wi-fi Battery

POWER SOURCE/RUN TIME
Rechargeable Slim Extended Lithium-ion battery (no Pump option)
(18 hours typical @ 20 °C) with LEL | (54 hours typical @ 20 °C) with IR
Rechargeable Lithium-ion battery (no Pump option)
(12 hours typical @ 20 °C) with LEL | (36 hours typical @ 20 °C) with IR
Rechargeable Extended-Range Lithium-ion battery with LEL
(23 hours typical @ 20 °C) without Pump | (18 hours typical @ 20 °C) with Pump
Rechargeable Extended-Range Lithium-ion battery with IR
(72 hours typical @ 20 °C) without Pump | (32 hours typical @ 20 °C) with Pump
Rechargeable wi-fi Lithium-ion battery (no Pump option)
(16 hours typical @ 20 °C) with LEL

ALARMS
Four visual alarm LEDs (two red, two blue)
95 decibel (dB) audible alarm at a distance of 10 cm (3.94 in) vibration alarms

DISPLAY/READOUT Backlit liquid crystal display (LCD)

KEYPAD Two buttons for operation, dedicated panic button

INGRESS PROTECTION IP68 (submersion at 1.5 meters for 1 hour)

TEMPERATURE RANGE -40 °C to 50 °C (-40 °F to 122 °F) **

HUMIDITY RANGE 15% to 95% non-condensing (continuous)

EVENT LOGGING 60 alarm events

DATA LOG At least 3 months at 10-second intervals

SENSOR RANGES

CATALYTIC BEAD	
Combustible Gases:	0-100% LEL in 1% increments
Methane (CH_4):	0-5% of vol in 0.01% increments
ELECTROCHEMICAL	
Ammonia (NH_3):	0-500 ppm in 1 ppm increments
Carbon Monoxide (CO):	0-2,000 ppm in 1 ppm increments
Carbon Monoxide (CO/H_2 low):	0-1,000 ppm in 1 ppm increments
Carbon Monoxide/Hydrogen Sulfide:	CO: 0-1,500 ppm in 1 ppm increments H_2S: 0-500 ppm in 0.1 ppm increments
Chlorine (Cl_2):	0-50ppm in 0.1 ppm increments
Hydrogen Sulfide (H_2S):	0-500 ppm in 0.1 ppm increments
Hydrogen Cyanide (HCN):	0-30 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO_2):	0-150 ppm in 0.1 ppm increments
Oxygen (O_2) (Standard/Long-Life):	0-30% of vol in 0.1% increments
Phosphine (PH_3):	0-10 ppm in 0.01 ppm increments
Sulfur Dioxide (SO_2):	0-150 ppm in 0.1 ppm increments
INFRARED	
Carbon Dioxide (CO_2):	0-5% vol in 0.01% increments
Methane (CH_4):	0-5% vol in 0.01% increments 5-100% vol in 0.1% increments
Carbon Dioxide/Combustible:	CO_2: 0-5% vol in 0.01% increments LEL: 0-100% LEL in 1% increments
Carbon Dioxide/Methane:	CO_2: 0-5% vol in 0.01% increments CH_4: 0-5% vol in 0.01% increments CH_4: 5-100% vol in 0.1% increments
Hydrocarbons:	0-100% LEL in 1% increments

COMMUNICATION
LENS WIRELESS MESH NETWORK
Frequency: ISM license-free band (2.405 - 2.480 GHz)
Max Peers: 25 devices per network group
Range: 100 m (300 ft) line of sight, face-to-face
Encryption: AES-128 | Approvals: FCC Part 15, IC, CE/RED, others†

WI-FI: 802.11 b/g/n 2.4GHz wi-fi with WPA2 security

*These specifications are based on performance averages and may vary by instrument.

** Operating temperatures above 50 °C (122 °F) may cause reduced instrument accuracy. Operating temperatures below -20 °C (-4 °F) may cause reduced instrument accuracy and affect display and alarm performance. See Product Manual for details.

† See www.indsci.com/wireless-certifications for country-specific wireless approvals and certifications.

MX6 iBRID®
MULTI-GAS MONITOR

The MX6 iBrid® is the most adaptable six-gas monitor on the market. With hundreds of possible sensor combinations and a robust list of available configuration settings, the MX6 iBrid gas detector is ready to monitor oxygen, toxic and combustible gases, and volatile organic compounds (VOCs).

- Flexible sensor configurations monitor up to six gases simultaneously
- Prescreen entries for benzene with an optional convertible kit
- Optional integral sampling pump with strong 30.5 meter (100 feet) sample draw
- Full-color LCD for easy visibility in all lighting conditions

See all features and benefits at
www.indsci.com/mx6

SPECIFICATIONS*

WARRANTY
Guaranteed for Life™**. Warranted for as long as the instrument is supported by Industrial Scientific Corporation

CASE MATERIAL
Lexan/ABS/stainless steel with protective rubber overmold

DIMENSIONS
135 x 77 x 48 mm (5.3 x 3.0 x 1.9 in) without Pump
193 x 77 x 56 mm (7.6 x 3.1 x 2.2 in) with Pump

WEIGHT
409 g (14.4 oz) typical without Pump; 511 g (18.0 oz) typical with Pump

POWER SOURCE/RUN TIMES
Rechargeable Extended-Range Lithium-ion Battery (36 hours) without Pump
Rechargeable Extended-Range Lithium-ion Battery (20 hours) with Pump
Replaceable AA Alkaline Battery (10.5 hours) without Pump

DISPLAY/READOUT
Color Graphic Liquid Crystal Display

TEMPERATURE RANGE
-20 °C to 55 °C (-4 °F to 131 °F)

HUMIDITY RANGE
15% to 95% non-condensing (continuous)

SENSORS AND MEASURING RANGES

SENSOR	RANGE	RESOLUTION
CATALYTIC BEAD		
Combustible Gas	0-100% LEL	1%
Methane (CH_4)	0-5% vol	0.01%
ELECTROCHEMICAL		
Ammonia (NH_3)	0-500 ppm	1
Carbon Monoxide (CO)	0-1,500 ppm	1
Carbon Monoxide (CO High Range)	0-9,999 ppm	1
Carbon Monoxide (CO/H_2 Low)	0-1,000 ppm	1
Chlorine (Cl_2)	0-50 ppm	0.1
Chlorine Dioxide (ClO_2)	0-1 ppm	0.01
Carbon Monoxide/ Hydrogen Sulfide (COSH)	CO: 0-1,500 ppm H_2S: 0-500 ppm	1 0.1
Hydrogen (H_2)	0-2,000 ppm	1
Hydrogen Chloride (HCl)	0-30 ppm	0.1
Hydrogen Cyanide (HCN)	0-30 ppm	0.1
Hydrogen Sulfide (H_2S)	0-500 ppm	0.1
Nitric Oxide (NO)	0-1,000 ppm	1
Nitrogen Dioxide (NO_2)	0-150 ppm	0.1
Oxygen (O_2)	0-30% vol	0.1%
Phosphine (PH_3)	0-5 ppm	0.01
Phosphine (PH_3 High Range)	0-1,000 ppm	1
Sulfur Dioxide (SO_2)	0-150 ppm	0.1
INFRARED		
Hydrocarbons	0-100% LEL	1%
Methane (CH_4 % vol)	0-100% vol	1%
Methane CH_4 % LEL)	0-100% LEL	1%
Carbon Dioxide (CO_2)	0-5% vol	0.01%
PHOTOIONIZATION		
VOC	0-2,000 ppm	0.1

SUPPLIED WITH MONITOR
Universal Charger, Nylon Carrying Case, Belt Clip, Calibration Cup, Wrist Strap, Quick Start Guide, Dust Filter/Water Stop (with Pump), Sample Tubing (with Pump).

LANGUAGE
English, Portuguese, French, Indonesian, Spanish, Russian, German, Polish, Italian, Czech, and Dutch

* These specifications are based on performance averages and may vary by instrument.

**Specific terms of the Guaranteed for Life™ Program are included with all products and are available upon request.

RADIUS® BZ1
AREA MONITOR

The Radius® BZ1 Area Monitor is a rugged area monitor that detects up to seven gases and connects your entire worksite. It can be deployed in seconds for emergency response scenarios and left in the field for up to seven days on a single charge. Radius BZ1 shares readings and alarms with other units and personal gas monitors through LENS Wireless, allowing you to create a dynamic safety network that changes with the needs of your operations.

- Detect up to seven gases simultaneously with 18 sensor options, including PID
- Know what's happening at a distance thanks to the largest display of any area monitor and customizable alarm action messages like "EVACUATE" or "VENTILATE"
- Cut through high-noise environments with alarms that sound at 108 dB
- DualSense® Technology increases worker safety by using two sensors to detect the same gas
- Extended Run Time Power Supply can extend battery run time to over one month, while Intrinsically Safe Extended Run Time Power Supply can provide indefinite run time in hazardous locations
- SafeCore® Module houses all critical technology out of the elements for fewer false alarms

See all features and benefits at
www.indsci.com/radius

SPECIFICATIONS*

WARRANTY
Two-year warranty, including Sensors and Battery

CASE MATERIAL Impact-resistant polycarbonate alloys

DIMENSIONS 29 x 29 x 55 cm (11.5 x 11.5 x 21.5 in)

WEIGHT 7.5 kg (16.5 lb)

POWER SOURCE/RUN TIME
Rechargeable Nickel-Metal Hydride (NiMH) Battery
7 days (168 hours) typical @ 20 °C, without Pump, with Wireless
3.5 days (84 hours) typical @ 20 °C, with Pump, with Wireless
30 days (720 hours) typical @ 20 °C, Electrochemical Sensors only, without Pump, with Wireless
≤8 hour recharge time

ALARMS
108 decibel (dB) at 1 m (3.3 ft) redundant audible alarms
Redundant, visual alarm LEDs (red and blue)

DISPLAY/READOUT
11.2 cm (4.4 in) monochrome backlit graphical Liquid Crystal Display (LCD)

KEYPAD Three buttons

INGRESS PROTECTION IP66

TEMPERATURE RANGE -20 °C to 55 °C (-4 °F to 131 °F)

HUMIDITY RANGE
15% to 95% non-condensing (continuous)

MEASURING RANGES

CATALYTIC BEAD	
Combustible Gases:	0-100% LEL in 1% increments
ELECTROCHEMICAL	
Ammonia (NH_3):	0-500 ppm in 1 ppm increments
Carbon Monoxide (CO):	0-1,500 ppm in 1 ppm increments
Carbon Monoxide (CO High Range):	0-9,999 ppm in 1 ppm increments
Carbon Monoxide (CO/H_2 Low):	0-1,000 ppm in 1 ppm increments
Carbon Monoxide/Hydrogen Sulfide:	CO: 0-1,500 ppm in 1 ppm increments H_2S: 0-500 ppm in 0.1 ppm increments
Chlorine (Cl_2):	0-50 ppm in 0.1 ppm increments
Hydrogen (H_2):	0-2,000 ppm in 1 ppm increments
Hydrogen Sulfide (H_2S):	0-500 ppm in 0.1 ppm increments
Hydrogen Cyanide (HCN):	0-30 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO_2):	0-150 ppm in 0.1 ppm increments
Oxygen (O_2):	0-30% vol in 0.1% increments
Sulfur Dioxide (SO_2):	0-150 ppm in 0.1 ppm increments
Phosphine (PH_3):	0-5 ppm in 0.01 ppm increments
Nitric Oxide (NO):	0-1000 ppm in 1 ppm increments
INFRARED	
Carbon Dioxide (CO_2):	0-5% vol in 0.01% increments
PHOTOIONIZATION	
Volatile Organic Compounds (10.6 eV):	0-2,000 ppm in 0.1 ppm increments

EVENT LOGGING: 60 alarm events

DATA LOG: At least 3 months at 10-second intervals

PUMP: Optional integral pump, up to 30.48 m (100 ft) sample draw

WIRELESS
Optional LENS Wireless, mesh network
Frequency: ISM license-free band (2.405 - 2.480 GHz)
Max Peers: 25 devices per network group / 10 independent, configurable network groups
Range: 300 m (~1,000 ft) line of sight
Encryption: AES-128
Approvals: FCC Part 15, IC, CE/RED, others **

SUPPLIED WITH MONITOR
Calibration Cup (without Pump), Sample Tubing and Pump Inlet Water Barrier (with Pump), Hand Tool, Charging Power Supply and Region-Specific Cord

* These specifications are based on performance averages and may vary by instrument.
** See www.indsci.com/wireless-certifications for country-specific wireless approvals and certifications.

TANGO® TX1
SINGLE GAS MONITOR

The Tango® TX1 is among the safest single gas detectors available today. Patented DualSense® Technology includes two of the same sensor for the most accurate reading and to ensure the monitor is functional and reliable, regardless of current bump test practices.

- Lightweight and wearable personal gas monitor
- Two-year run time
- Optional AlarmAmp™ increases audible alarms to 110dB
- Guaranteed for Life™ warranty

DualSense Technology

The Tango TX1, Ventis Pro5, Radius BZ1, and SafeCore Module incorporate revolutionary patented DualSense Technology, which includes two of the same type of sensor to detect a single gas. The two sensor readings are processed through a proprietary algorithm and displayed as a single reading to the user. DualSense Technology ensures that regardless of your current bump test policy, you will be significantly safer than you would be using an instrument without redundant sensors*. *Based on iNet data

See all features and benefits at
www.indsci.com/tango

SPECIFICATIONS*

WARRANTY
Guaranteed for Life™. Warranted for as long as the instrument is supported by Industrial Scientific Corporation (excludes sensors, batteries, and filters). CO and H_2S sensors are warranted for three years. All other sensors are warranted for two years.

CASE MATERIALS
Case top – polycarbonate with a protective rubber overmold
Case bottom – conductive polycarbonate

DIMENSIONS
99 x 51 x 35 mm (3.9 x 2.0 x 1.4 in)

WEIGHT
126.0 g (4.4 oz)

ALARMS
Three strobe-emitting visual alarm LEDs (two red; one blue)
100 decibel (dB) audible alarm at a distance of 10 cm (3.94 in) vibration alarm

DISPLAY
Segment Liquid Crystal Display (LCD)

INGRESS PROTECTION
IP66; IP67

TEMPERATURE RANGE
-40 °C to 50 °C (-40 °F to 122 °F) ** ATEX, IECEx, CSA, INMETRO and UL (C-US)

HUMIDITY RANGE
15% to 95% non-condensing (continuous)

EVENT LOGGING
60 alarm events

SENSORS AND MEASURING RANGES

Carbon Monoxide (CO):	0 to1,000 ppm in 1 ppm increments
Carbon Monoxide (CO/H_2 low):	0 to 1,000 ppm in 1 ppm increments
Hydrogen Sulfide (H_2S):	0.0 to 500.0 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO_2):	0.0 to 150.0 ppm in 0.1 ppm increments
Sulfur Dioxide (SO_2):	0.0 to 150.0 ppm in 0.1 ppm increments

DATA LOGGING
Three months at 10-second intervals

BATTERY
3.6 V Primary Lithium-Thionyl Chloride (Li-SOCl2); 1.5AH, 2/3AA; replaceable; nonrechargeable; always on; two-year run time depending on operating conditions

* These specifications are based on performance averages and may vary by instrument.

** Operating temperatures above 50 °C (122 °F) may cause reduced instrument accuracy. Operating temperatures below -20 °C (-4 °F) may cause reduced instrument accuracy and affect display and alarm performance.

Patent No. 9,000,910 – DualSense Technology | Patent No. 9,064,386 - AlarmAmp

GASBADGE® PRO
SINGLE GAS MONITOR

GasBadge® Pro is a single gas monitor built to Industrial Scientific's highest quality and reliability standards, providing a lifetime of gas hazard protection.

- Interchangeable sensors quickly adapt to monitor unsafe levels of oxygen or toxic gases
- Infrared interface
- Pair with GasBadge® Datalink to configure preferences and instantly download alarm events and instrument details
- Guaranteed for Life™ warranty

See all features and benefits at
www.indsci.com/gasbadgepro

SPECIFICATIONS

WARRANTY
Guaranteed for Life™. Instrument is warranted for as long as supported by Industrial Scientific Corporation (excluding sensors, batteries, and filters). CO, H_2S, and O_2 sensors are warranted for 2 years. All other sensors warranted for 1 year.

CASE MATERIAL
Rugged, water-resistant polycarbonate shell with protective concussion-proof overmold. RFI resistant.

DIMENSIONS
9.4 x 5.08 x 2.79 mm (3.7 x 2 x 1.1 in)

WEIGHT
85 g (3 oz)

ALARMS
User selectable low and high alarms
Ultra-bright LEDs, loud audible alarm (95 dB) and vibrating alarm

SENSORS AND MEASURING RANGES

Carbon Monoxide (CO):	0-1,500 ppm in 1 ppm increments
Carbon Monoxide (CO/H_2 low):	0-1,500 ppm in 1 ppm increments
Hydrogen Sulfide (H_2S):	0-500 ppm in 0.1 ppm increments
Oxygen (O_2):	0-30% by vol in 0.1% increments
Nitrogen Dioxide (NO_2):	0-150 ppm in 0.1 ppm increments
Sulfur Dioxide (SO_2):	0-150 ppm in 0.1 ppm increments
Ammonia (NH_3):	0-500 ppm in 1 ppm increments
Chlorine (Cl_2):	0-100 ppm in 0.1 ppm increments
Chlorine Dioxide (ClO_2):	0-1 ppm in 0.01 ppm increments
Phosphine (PH_3):	0-10 ppm in 0.01 ppm increments
Hydrogen Cyanide (HCN):	0-30 ppm in 0.1 ppm increments
Hydrogen (H_2):	0-2,000 ppm in 1 ppm increments

DISPLAY
Custom LCD with graphical icons for easy use
Segmented display for direct gas readings
Backlight for low light conditions
"Go/No Go" display mode; peak reading indication

INGRESS PROTECTION
Third-party certified IP64

TEMPERATURE RANGE
-40 °C to 60 °C (-40 °F to 140 °F) typical

HUMIDITY RANGE
0% to 99% RH (non-condensing) typical

EVENT LOGGING
Continually on. Logs last 15 alarm events, stamping how long ago the event occurred, the duration of the event, and the peak reading seen during the event. Event-logger can be viewed on PC or printed directly from the instrument to an infrared printer.

DATA LOGGING
1-year continuous storage of data

BATTERY RUN TIME
User replaceable 3V, CR2 Lithium battery, 2,600 hour run time, typical

SUPPLIED WITH MONITOR
Attached Cuspender Clip, Calibration Adapter and Tubing

GASBADGE® DATALINK

- Instantly download alarm events and instrument details
- Quickly and easily configure instrument preferences

DSX™ DOCKING STATION

The DSX™ Docking Station is an automated gas detector maintenance, record storage, and fleet management solution that flexes with the needs of your business. Choose from DSX-L, DSXi, or DSX Standalone based on your data access requirements. All DSX Docking Stations offer automatic charging, bump testing, and calibration.

PRODUCT SPECIFICATIONS*

WARRANTY
Two-year warranty – DSX (Standalone) and DSX-L (Local Server)
Guaranteed For Life™ Program* – DSXi (Cloud-connected)

INSTRUMENTS SUPPORTED
Ventis MX4, Ventis Pro5, MX6 iBrid, Tango TX1, GasBadge Pro, SafeCore

DIMENSIONS
GasBadge Pro, Tango TX1: 22.7 x 16.9 x 27.3 cm (8.92 x 6.65 x 10.75 in)
Ventis MX4, Ventis Pro5: 24.9 x 16.9 x 27.3 cm (9.83 x 6.65 x 10.75 in)
MX6 iBrid: 25.3 x 16.9 x 27.3 cm (9.96 x 6.65 x 10.75 in)
SafeCore: 27.3 x 16.9 x 29.2 cm (10.75 x 6.65 x 11.5 in)

GAS INLETS
3-Port Version: One "fresh" air port, two calibration gas ports
6-Port Version: One "fresh" air port, five calibration gas ports (for Ventis, MX6 iBrid, and SafeCore only)

PUMP FLOW RATE 1.2 SCFH (550 mL/min)

COMMUNICATION
10/100 Ethernet support, RJ-45 category 5 connection

DISPLAY
128 x 64 Dot Matrix LCD – multilingual modes
English, Spanish, French, German and Portuguese**

OPERATING TEMPERATURE RANGE
0 °C to 50 °C / 32 °F to 122 °F

OPERATING HUMIDITY RANGE
0% to 80% relative humidity (RH) up to 30 °C (86 °F), decreasing linearly to 50% RH at 50 °C (122 °F)

EXTERNAL POWER SUPPLY RATINGS
Supply voltage: 100-240 VAC / 12 VDC
Frequency range: 50-60 Hz
Current rating: 5A

*Specific terms of the Guaranteed for Life™ Program are included with all products and are available upon request.

**DSX-L (Local Server) does not support Portuguese.

- Email alerts and notifications provide information on worker exposure, instrument usage, and instrument service needs
- Print bump test and calibration certificates for hot work and confined space entry
- Auto detect calibration gas type and expiration date upon cylinder connection
- Calibration gas status indicators provide warning to order replacement gas before a cylinder is empty
- DSX Standalone requires no PC or network connection
- DSXi Cloud-connected provides cloud-based record storage with automatic file back-up, fleet management, and automated maintenance and notifications through iNet Control
- DSX-L Local Server provides server-based record storage, fleet management, and automated maintenance and custom data reporting

	DSX Standalone	DSXi Cloud-connected	DSX-L Local Server
Record Storage	USB	Cloud	PC, Server
Bump and Cal	✓	✓	✓
Print Certificates	✓	✓	✓
6-Ports (Optional)	✓	✓	✓
Reports		✓	✓
Fleet Management		✓	✓
Event Scheduling		✓	✓
Email Alerts		✓	
Auto Software Updates		✓	
Auto Cal Gas Replenishment (Optional)		✓	
Price	$	$$	$$$
Software	Not Applicable	Included	Included

See all features and benefits at www.indsci.com/dsx

Auto Replenishment

The calibration gas auto replenishment program is the most efficient way for customers to manage their calibration gas usage and needs. For those who elect to have the program as part of their iNet subscription, a new cylinder of gas will automatically be sent when iNet Control detects a low gas cylinder.

Ownership Options

Industrial Scientific offers a variety of purchase plans to meet your specific needs and budget.

Purchase

All products are available for purchase through our worldwide network of distributors. To find a local distributor, visit www.indsci.com and click "where to buy" or contact a regional office in your area.

Certified Pre-Owned

Every Industrial Scientific certified pre-owned monitor gives you virtually all the durability and reliability of a new monitor. Only instruments that pass a rigorous multi-point inspection, including intrinsic safety approvals, are included in this program. Our certified pre-owned instruments are backed by a one-year warranty. Visit www.indsci.com/gas-detectors/certified-pre-owned/ for more information.

Gas Detection as a Service

iNet® Exchange is a subscription-based service that covers repair and replacement of gas detectors. iNet Exchange simplifies your gas detection program by allowing you to build a flexible fleet of instruments, avoid instrument downtime, and eliminate the cost of extra equipment.

Gas Detection Rental Program

When you need gas detectors and need them quickly, renting is the most efficient route. Gas detectors can be readied for same-day or next-day delivery, or pick up is available at our Pittsburgh, Houston, and Edmonton facilities.

- Fully-stocked inventory of over 25,000 pieces of fully-inspected rental equipment, including all accessories
- Gas detectors arrive ready to use with guaranteed reliability out of the box
- Pre-calibrated to NIST standards
- Chargers provided at no additional cost
- iNet customers automatically receive a special discount and rentals are pre-configured to match existing fleet
- Rental units added to iNet Exchange accounts will be monitored for service needs and exchange monitors will be sent immediately

To learn more, email: rental@indsci.com
or visit: www.indsci.com/rental

Start-up and Commissioning Services

Industrial Scientific can install your systems, ensure they work properly, and train your employees. Contact us or your local distributor for a customized program and quote that works for your employees, resources, and budget.

Maintenance and Repair

To ensure your instruments remain at their highest-quality performance, we provide preventative maintenance and repair through mobile service programs and regional service centers.

If your instrument needs repair, visit
www.indsci.com/repair

Warranty

Industrial Scientific designs and manufactures the highest quality instruments to preserve life and property. Industrial Scientific warrants our monitors to be free from defects in material and workmanship under normal and proper use and service (consumable items excluded). Contact Industrial Scientific for additional warranty information, including warranty duration for each specific instrument. Warranty registration ensures valid warranty coverage.

Register your products at
www.indsci.com/gas-detectors/warranty

Extended Warranty

Extended warranty programs provide additional coverage after the initial product warranty expires. The extended warranty is all-inclusive and designed to provide consistent maintenance costs for the length of the program.

Training Services

Gas Detection Made Easy seminars are presented monthly by Industrial Scientific's experienced training department in a hands-on learning environment. Customer-site training is also available to meet your corporate needs for gas hazard education, confined space awareness, and instrument training. Product training videos for users and supervisors are also available in various formats for instrument operation, calibration, and maintenance.

Industrial Scientific is committed to educating workers on the proper use of gas detection equipment and services while empowering them to enhance their culture of safety. We offer a variety of solutions to meet your training needs.

Who Should Attend?

- Safety and health professionals
- Firefighters and emergency responders
- Contractors

Face to Face Training Classes Include

- Gas Detection Made Easy Program – For novices or individuals with years of gas detection experience
- Hazardous Gases – Overview of commonly used gases, their properties, and effects
- Use of Instruments in Confined Spaces – Overview of applicable laws and instruction for the use of gas detection instruments in compliance with government regulations
- Sensor Technology – Description of catalytic bead sensors, electrochemical sensors, infrared sensors, and more
- Presentation of the Instruments – Overview of Industrial Scientific's portable instruments and docking stations
- Calibration and Maintenance – Instruction on the most important components of a safe, reliable gas detection program
- Hands-On Activities – Learning by doing

End User Training Classes

Gas Detection 101 – Gas Detection Introduction
Gas Detection 102 – How to Use Gas Detectors
Gas Detection 103 – How to Service and Repair Gas Detectors
iNet Control Training
On-site Custom Courses
T3 – Train the Trainer

Products Covered by Our Online Video Training

GasBadge Pro
Ventis MX4
MX6 iBrid
iNet Control
Tango TX1
Ventis Pro5
Radius BZ1
DSX Docking Station

See our full library of training resources at
www.indsci.com/training

Download the Gas Detection Made Easy App

Learn about hazardous gas types, detection methods, sensor technologies, regulations, and more.

GET IT ON Google play

Available on the App Store

Electrochemical Sensor Cross Interference Table

SENSOR

GAS	Carbon Monoxide	Carbon Monoxide/ Hydrogen Low	Hydrogen Sulfide (Ventis)	Hydrogen Sulfide (TX1, MX6)	Sulfur Dioxide	Nitrogen Dioxide	Chlorine	Chlorine Dioxide	Hydrogen Cyanide	Hydrogen Chloride	Phosphine	Nitric Oxide	Hydrogen	Ammonia
Carbon Monoxide	100	100	1	1	1	0	0	0	0	0	0	0	20	0
Hydrogen Sulfide	5	5	100	100	1	-40	-3	-25	10	300	25	10	20	25
Sulfur Dioxide	0	5	5	5	100	0	0	-5	10	40	-1	0	0	-40
Nitrogen Dioxide	-5	5	-25	-25	-165	100	45	50	-70	—	-11	30	0	-10
Chlorine	-10	0	-20	-20	-25	10	100	60	-20	6	-20	0	0	-50
Chlorine Dioxide	—	—	—	—	—	—	20	100	—	—	—	—	—	—
Hydrogen Cyanide	15	5	-1	-5	50	1	0	0	100	35	4	0	30	5
Hydrogen Chloride	3	—	0	0	5	0	2	0	0	100	0	15	0	0
Phosphine	80	415	60	55	20	-130	-225	-100	425	300	100	10	-30	15
Nitric Oxide	25	40	1	-0.2	1	5	10	—	-5	—	-1	100	30	0
Hydrogen	22	3	0.3	0.08	0.5	0	0	0	0	0	0	0	100	0
Ammonia	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Acetylene	202	177	0	0	138	0	—	—	—	8	—	—	—	—

NOTES: The table above reflects the percentage response provided by the sensor listed across the top of the chart when exposed to a known concentration of the target gas listed in the left hand column.
-The specified cross interference numbers apply to new sensors only and may vary with time and vary from sensor to sensor.
-The numbers are measured under environment of 20 °C, 50% RH and 1 atm
-This table is given as a guide only and is subject to change

*new sensor
() aged sensor or saturated filter
— No data available
Table is current as of July 24, 2019

LEL Correlation Factors

CALIBRATION GAS

GAS BEING SAMPLED	LEL (% vol)	Butane	Hexane	Hydrogen *	Methane *	Pentane *	Propane *
Acetone	2.5%	1.06	0.70	1.70	1.70	0.90	1.10
Acetylene	2.5%	0.74	0.60	1.30	1.30	0.70	0.80
Benzene	1.2%	1.16	0.80	1.90	1.90	1.00	1.20
Butane	1.8%	1.00	0.55	1.69	1.58	0.79	0.98
Ethane	3.0%	0.84	0.60	1.30	1.30	0.70	0.80
Ethanol	3.3%	0.94	0.52	1.59	1.49	0.74	0.92
Ethylene	2.7%	0.84	0.60	1.40	1.30	0.70	0.90
Hexane	1.1%	1.81	1.00	3.04	2.86	1.42	1.77
Hydrogen	4.0%	0.59	0.33	1.00	0.94	0.47	0.58
Isopropanol	2.0%	1.16	0.90	2.00	1.90	1.00	1.20
Methane	5.0%	0.63	0.35	1.06	1.00	0.50	0.62
Methanol	6.0%	0.63	0.50	1.10	1.10	0.60	0.70
Nonane	0.8%	2.34	1.30	3.95	3.71	1.84	2.29
Pentane	1.4%	1.28	0.71	2.15	2.02	1.00	1.25
Propane	2.1%	1.02	0.57	1.72	1.62	0.80	1.00
Styrene	0.9%	1.30	1.00	2.20	2.20	1.10	1.40
Toluene	1.1%	1.62	0.89	2.71	2.55	1.26	1.57
Xylene	1.1%	1.58	1.10	2.60	2.50	1.30	1.60
JP-4	—	—	—	—	—	1.20	—
JP-5	—	—	—	—	—	0.90	—
JP-8	—	—	—	—	—	1.50	—

Accuracy +/- 25% error / NOTE: Calibration gases available from Industrial Scientific Corporation. * Prefered gases
1. The correlation factors in the table are averaged results for estimation use only. It's not recommended for analytical application with high accuracy expectation.
2. The correlation factors may vary from sensor to sensor with tolerance of +/- 25% for new sensors. The number could further shift for old sensors.
3. To get a more accurate result, it's recommended to calibrate the instrument with a gas that has CF close to 1. The closer, the better.
4. It's not recommended to use correlation factors if the target gas is methane and the sensor is old.
5. Expect more deviation when an old sensor is calibrated with methane gas.

What Accessories Best Fit Your Needs?

CHECKLIST

- ☐ Accessory Labels for Asset Management
- ☐ Calibration Gas / Bump-N-Go Bump Test Gas
- ☐ Calibration Stations
- ☐ Carrying Cases
- ☐ Chargers (Desktop, Multi-Unit, Vehicle)
- ☐ Compliance Tracking Software (iNet Control)
- ☐ Confined Space Kits
- ☐ Docking Stations
- ☐ Extra Modules or Bases
- ☐ Extended Run Time Power Supply
- ☐ Instrinsically Safe External Run Time Power Supply
- ☐ Probes
- ☐ Filters
- ☐ Regulators
- ☐ Replacement Sensors
- ☐ Sampling Pumps
- ☐ Sample Tubing
- ☐ Spare Batteries

For a list of all accessories, visit www.indsci.com

Certifications

AGENCY	MULTI-GAS MONITORS				SINGLE GAS MONITORS		
	MX6 iBrid	Ventis Pro5	Ventis MX4	Radius BZ1	Tango TX1	GasBadge Pro	T40 Rattler
ANZEx	•	•	•			•	•
ATEX	•	•	•	•	•	•	•
China CMC			•				•
China CPC	•	•	•	•	•		
China Ex	•	•	•	•	•	•	•
China KA			•				
China MA			•		•	•	•
CSA	•	•	•	•	•	•	•
EAC/GOST	•	•	•		•		
IECEx	•	•	•	•	•	•	•
INMETRO	•	•	•	•	•	•	
KC	•	•	•	•	•	•	
KIMM			•				
MDR	•						
MSHA	•	•	•				
PA-DEP	•	•	•				
SANS 1515/MASC-IA		•	•	•			
TIIS			•				
UL	•	•	•	•	•	•	•

Certain limits apply to the number of sensor configurations. Call for details.

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AMERICAS
Phone: +1-412-788-4353
1-800-DETECTS (338-3287) | info@indsci.com

ASIA PACIFIC
Phone: +65-6561-7377
Fax: +65-6561-7787 | info@ap.indsci.com

EMEA
Phone: +33 (0)1 57 32 92 61
Fax: +33 (0)1 57 32 92 67 | info@eu.indsci.com