



## Remove Live Monitoring Barriers

- Receive real-time alerts from personal gas monitors and area monitors when alarms occur
- Locate workers faster when an incident happens using a live map
- Monitor hazardous locations and get data from confined spaces in real time
- Set up in minutes without the need for costly IT infrastructure

### 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)

**TEMPERATURE 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, Rogers

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 IIC T6 Gc (CA)

AEx ec ic IIC T6 Gc (US)

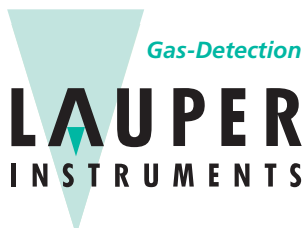
IECEx\*\*: Zone 2: Ex ec ic IIC T6 Gc

\* See [www.indsci.com/wireless-certifications](http://www.indsci.com/wireless-certifications) for country-specific wireless approvals and certifications

\*\* Requires leather case

### 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



**Lauper Instruments AG**

Irisweg 16 B

CH-3280 Murten

Tel. +41 26 672 30 50

info@lauper-instruments.ch

[www.lauper-instruments.ch](http://www.lauper-instruments.ch)