



Monitor Lone Workers in Real Time

Get real-time location, status, and gas alarm data from mobile workers in remote locations using the vehicle-installed TGX Gateway

- Real-time visibility into the location and wellbeing of mobile workers in remote areas without cellular coverage.
- Email, text, and on-screen alerts when alarms occur, ensuring the right messages get to the right people at the right time
- Dual cellular and satellite connectivity ensures communication coverage at all times
- Monitor up to 24 instruments at once
- Vehicle-installed device eliminates charging and ensures a reliable power source

TGX GATEWAY

PART NO.	DESCRIPTION
TGX-211	TGX Gateway Dual Cellular/Satellite, US
TGX-221	TGX Gateway Dual Cellular/Satellite, US & Canada**
TGX-231	TGX Gateway Dual Cellular/Satellite, Canada

** Canadian SIM with US roaming capabilities

REPLACEMENT PARTS

PART NO.	DESCRIPTION
17159351	TGX Satellite Antenna
17159349	TGX Primary Antenna (LENS/Cellular/GPS)
17159347	TGX Power Cable

**INDUSTRIAL
SCIENTIFIC**

www.indsci.com REV 0 0120

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SPECIFICATIONS*

WARRANTY

2 year

DIMENSIONS

102 x 102 x 76 mm

WEIGHT

280 g

ENVIRONMENTAL

Operating temperature: -40 °C to 80 °C (-40 °F to 176 °F)

COMMUNICATION

CELLULAR

Cellular (2G): Quad band 850/900/1800/1900MHz
Cellular (3G/HSPA): Pentaband 800/850/900/1900/2100MHz
Antenna: external

SATELLITE

Iridium
Antenna: external

LOCATION

GPS (NMEA protocol)
Antenna: external
Accuracy: ~5 m (16 ft) outdoors

POWER REQUIREMENT

Input: 9-30VDC, 12VDC @ 300mA

REGULATORY

FCC, IC & PTCRB compliant
RoHS compliant

COMPATIBILITY

Works with Ventis® Pro5 Multi-Gas Monitors and Radius® BZ1 Area Monitors

LENS

Frequency: ISM license-free band (2.4 GHz)
Max Instruments: 25 devices (including TGX)

RANGE

TGX Gateway to RGX Gateway 300 m (~1,000 ft) line of sight
TGX Gateway to Radius® BZ1 300 m (~1,000 ft) line of sight
TGX Gateway to Ventis® Pro5 100 m (~300 ft) line of sight

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

Learn more about the TGX Gateway at

www.indsci.com/tgx