

IR-200

Refrigerant Gas Transmitter

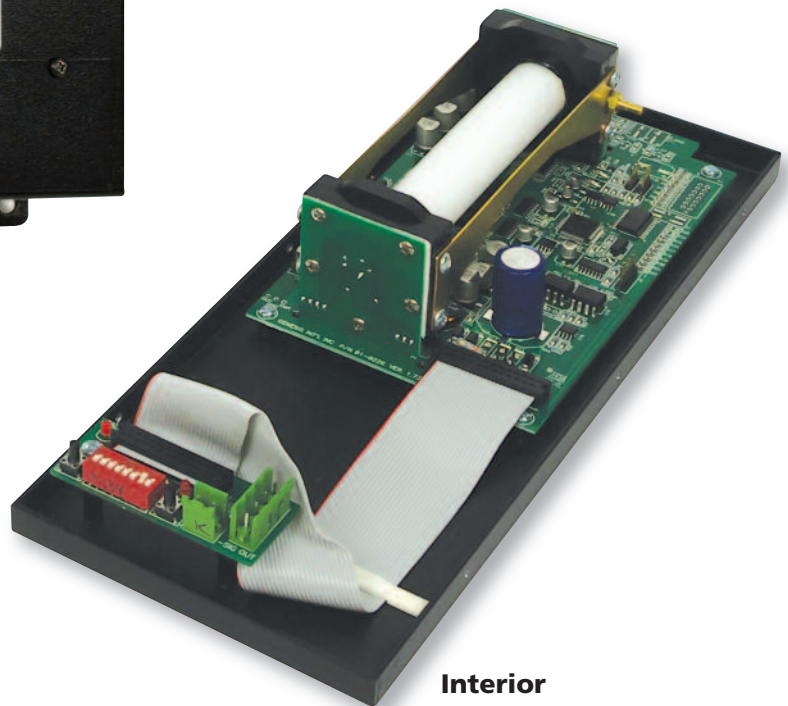


Selective Gas Leak Monitoring for Chiller and Refrigeration Machinery Rooms

The IR-200 is an NDIR infrared sensor transmitter for monitoring ppm levels of refrigerant gas in ambient air. The long life sensor technology selectively targets the specified gas type. This sensor is typically interlocked with the Arjay 4200-IR control panel to meet ASHRAE and CSA machinery room guidelines, but can also be used as a stand-alone transmitter with your own control system.

- selective sensor avoids nuisance alarms
- single point calibration
- long term stable readings
- cold room option

Applications include chiller/refrigeration machinery rooms, arenas, food storage, food and beverage processing.



Interior

IR-200

Standard Features

- discrete monitoring at leak source
- no reliance on pumps or single sensor downtime
- selective to gas type minimizes nuisance alarms
- stand-alone or operates with Arjay ASHRAE and CSA compliant panels
- single point calibration
- long life stable sensor technology

Technical Specifications

Power Input	10-36 vdc
Operating Humidity	0-90%, non-condensing
Operating Temperature	0°C to 40°C
Cold Room option	-40°C to 40°C
Signal Output	4-20 mA
Measurement Range	0-1,032 ppm
Resolution	+/- 1 ppm
Sensitivity	+/- 1 ppm @ 25°C, 45% RH

The IR-200 is a product channel collaboration with Genesis.

Ordering Part Numbers

E90654	R123
E90654A	R134A
E90654B	R22
E90654BB	R22 Cold Room
E90654C	R11
E90654D	R404
E90654E	R717 Ammonia
E90654F	R407A
E90654G	R407C
E90654H	R410A

