

## COMPLIANCE SOLUTIONS

# PARKSENSE-FL™ PARKING GARAGE GAS DETECTION

### PURPOSE-BUILT FOR THE FLORIDA BUILDING CODE (SECTION 404.1)

CET's ParkSense-FL™ gas detection solution complies with the stringent requirements of the FBC including detecting CO and NO<sub>2</sub> gases, and the required operation and airflow rates.

Stay compliant, reduce risk, and safeguard parking facilities. Trust the gas detection experts to keep your critical environment safe and secure.

### COMPLIANT, COMPLETE, SAFE

- **FCS:** Multi Channel Controller with Modbus® RS-485 or BACnet® WAN output to BAS
- **CGAS-D-CO:** Digital Transmitter with CO sensor
- **CGAS-D-NO2:** Digital Transmitter with NO<sub>2</sub> sensor
- **RSH-24V-R:** Remote Strobe/Horn Combo

Talk to one of our gas detection experts today to learn about compliant gas detection solutions.



*ParkSense-FL, the complete solution*



**THE  
GAS DETECTION  
EXPERTS.**

WWW.CETCI.COM  
(877) 940 8741  
SALES@CETCI.COM



# PARKSENSE-FL: MEETING SPEC

- CO installed 3–5 ft above floor; NO<sub>2</sub> installed 1 ft below ceiling as specified
- FCS can automate fan cycling between two modes
- All sensors (detectors soon to come) are UL 2075 listed and installed as per manufacturer instructions
- RSH can be used for audio/visual alarm to enhance safety

## FCS Multi Channel System Controller

- Four 5A relays, audible alarm, touch LCD display with menu, zoning, logic control, and data logging
- Modbus<sup>®</sup> RS-485 or BACnet<sup>®</sup> MS/TP output for BAS integration
- 90–240V AC power supply
- Options: 4-20mA or 0-10 voltage outputs for VFD control, Strobe, Door Lock, Internal Heater

## cGas Detector Digital Transmitter (CO)

- 0-200 ppm sensor range
- Modbus<sup>®</sup> RS-485 or BACnet<sup>®</sup> MS/TP output, 4-wire VAC/VDC
- Options: Relay, Low Temp Operation, Splash Guard

## cGas Detector Digital Transmitter (NO<sub>2</sub>)

- 0-10 ppm sensor range
- Modbus<sup>®</sup> RS-485 or BACnet<sup>®</sup> MS/TP output, 4-wire VAC/VDC
- Options: Relay, Low Temp Operation, Splash Guard

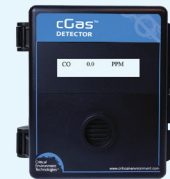
## Remote Strobe / Horn Combo

- Multiple alarm features in one device
- Independent settings for horn, strobe or horn and strobe together
- Three lens colours to choose from

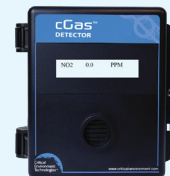
## CRITICAL ENVIRONMENT TECHNOLOGIES



Flexible Control System (FCS)



cGas Detector (CO)



cGas Detector (NO<sub>2</sub>)



Strobe/Horn (RSH-24V-R)



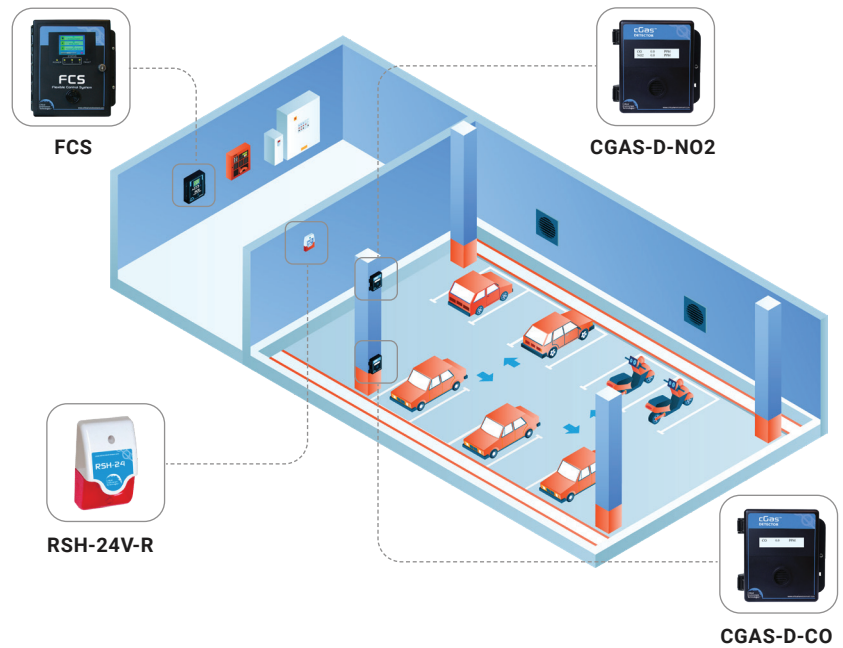
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## COMPLETE SYSTEM INTEGRATION BUILT TO MEET SPEC

- FCS Controller
- CGAS-D-CO Digital Transmitter
- CGAS-D-NO2 Digital Transmitter
- RSH-24V-R Remote Strobe & Horn



### 2023 FBC – MECHANICAL, 8TH EDITION, SECTION 404.1

Mechanical ventilation systems for enclosed parking garages shall operate continuously or shall be automatically operated by means of carbon monoxide detectors applied in conjunction with nitrogen dioxide detectors.

Carbon monoxide detectors shall be installed 3 to 5 feet above floor level.

Nitrogen dioxide detectors shall be installed 1 foot below ceiling level. Such detectors shall be listed in accordance with UL 2075 and installed in accordance with their listing and the manufacturer's instructions.

Automatic operation shall cycle the ventilation system between the following two modes of operation:

- Full-on at an airflow rate of not less than 0.75 cfm per square foot [0.0038 m<sup>3</sup>/(s • m<sup>2</sup>)] of the floor area served.
- Standby at an airflow rate of not less than 0.05 cfm per square foot [0.00025 m<sup>3</sup>/(s • m<sup>2</sup>)] of the floor area served.

It is the user's responsibility to ensure compliance with applicable regulations. CET is not liable for errors, omissions or misinterpretations. 10-25



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