Gas Detectors
Transmitters

For more information on our products or how to become a Distributor, contact one of our Regional Sales Managers:

Eastern North America
Ron Sweet
ron@cetci.com
905.420.8334

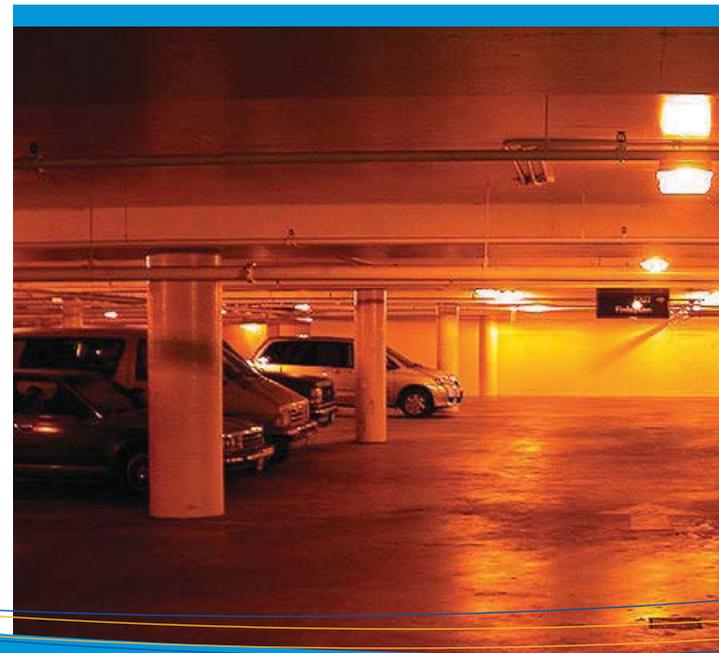**Western North America**
Mirza Baig
mirza@cetci.com
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International
Ronald Dizon
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604.616.3576

WATCH OUR VIDEOS ON YOUTUBE

Product overview videos introduce our products and instructional videos help guide you through calibration, configuring alarm set points and relays, enable / disable channels, and more.

CriticalEnviroTech

Critical Environment Technologies (CETCI) is a leading global manufacturer of gas detectors, including self-contained systems, controllers and transmitters. Our gas detectors come standard in water/dust tight enclosures that have an interior copper coating to reduce RF interference.

We offer a variety of sensor technologies that detect many different types of hazardous gas in a wide range of applications. Common gases are: Carbon Monoxide, Carbon Dioxide, Nitrogen Dioxide, Nitric Oxide, Ammonia, Chlorine, Ozone, Oxygen, Refrigerants and combustible gases like Methane, Hydrogen and Propane.

Applications include commercial, institutional, municipal and industrial markets worldwide. Many applications are for vehicle exhaust, but areas of specialization include refrigeration plants, indoor swimming pools, wastewater treatment plants, ice arenas, wineries, airports, hotels, fish farms, food processing plants, battery charging rooms, manufacturing plants and more.

Critical Environment Technologies™

Peace of mind. Guaranteed.

Gas detectors for continuous monitoring of hazardous gases in various applications

KNOW THE AIR
You're Breathing

HF   NO   F$_2$ NO$_2$ HCL   R134A   SO$_2$ C$_2$H$_4$ O$_2$ CO$_2$ NH$_3$ HCN

gas detection solutions for your application needs

PH$_3$ H$_2$ CH$_4$ Cl$_2$ R22

ClO$_2$ R507A

SiH$_4$ CO

R404A   C$_2$H$_4$O   H$_2$S   CH$_2$O

C$_2$H$_4$O   O$_3$

C$_3$H$_8$

FLEXIBLE & EASY TO USE

• WIDE RANGE OF TARGET GASES

• ELECTROCHEMICAL, SOLID STATE, CATALYTIC, INFRARED, PID, TVOCS SENSOR TECHNOLOGIES

• WATER / DUST TIGHT ENCLOSURES

• CSA, CE, UL, FCC CERTIFICATION

• TRAINING & TECHNICAL SUPPORT

LPT LOW POWER TRANSMITTER
» 4-20 mA analog
» Single sensor
» CO or NO$_2$
» LED indicator

LPT-P CAR PARK TRANSMITTER
» Digital (Modbus®)
» Single sensor
» CO or NO$_2$
» LCD display

CXT EXPLOSION PROOF TRANSMITTER
» Analog or Digital (Modbus®)
» Single sensor
» Many target gases
» LCD display, relay, alarm
» Class I, Div 1, Groups ABCD

LPT-A ANALOG TRANSMITTER
» 4-20 mA or 0-10V analog
» Single sensor
» Many target gases
» LCD display, relay, alarm

LPT-M MODBUS TRANSMITTER
» Digital (Modbus®)
» Up to 2 internal sensors
» Plus 1 remote sensor
» Many target gases
» LCD display, relay, alarm

ART REFRIGERANT TRANSMITTER
» Analog or Digital (Modbus®)
» Single Infrared sensor
» Refrigerant gases
» Broadband or Gas Specific
» LED display, relay, alarm

LPT-A-VENT LINE TRANSMITTER
» 4-20 mA or 0-10V analog
» Single sensor
» Ammonia (NH$_3$) gas
» LCD display, relay, alarm

LPT-B BACNET TRANSMITTER
» Digital (BACnet®)
» Up to 2 internal sensors
» Plus 1 remote sensor
» Many target gases
» LCD display, relay, alarm

AST-IS CO$_2$ TRANSMITTER
» 4-20 mA or 0-10V analog
» Single Infrared sensor
» Carbon Dioxide (CO$_2$) gas
» Standard and Industrial models, features vary

ESH-A REMOTE SENSOR
» Allows remote location monitoring
» Current or voltage output
» Single sensor
» Combustibles, Refrigerants, TVOCs

WE ARE COMMITTED TO SAFETY AND QUALITY. HOW CAN WE HELP YOU?
Our mission is to manufacture high quality gas detection systems and provide our customers with cost effective, functionality savvy equipment.

GAS DETECTION EXPERTS
www.critical-environment.com