

# AST-I series Infrared Transmitters

**Analog transmitters  
with infrared sensors  
for accurate, industrial  
grade Carbon Dioxide,  
Combustible gases and  
Nitrous Oxide detection**



The AST-I series are rugged, reliable analog transmitters for detection of CO<sub>2</sub>, combustible gases or N<sub>2</sub>O in industrial applications. These transmitters use a dual beam, referenced infrared sensor for optimal accuracy.

AST-I transmitters output a linear 4 - 20 mA signal that can be sent to a CET controller or building automation system.

**Ranges:**

Carbon Dioxide	0 - 5% volume, 0 - 100% volume
Combustibles	0 - 5% volume, 0 - 100% volume
Nitrous Oxide	0 - 2000 ppm

The standard housing is a watertight polycarbonate enclosure suitable for intended applications such as wineries, breweries, medical facilities and other industrial areas.

Operating Temperature -20 to 50 degrees C

Use with any of Critical Environment Technology's family of controllers: MAC, PAC or PDC.

[www.critical-environment.com](http://www.critical-environment.com)