

Enviro-Mon



Enviro-Mon has been designed by **TranzTel Technologies India** to continuously monitor the environment of hazardous working zones or high-pollution areas. Primarily meant to measure Temperature, Humidity and Methane Gas, the device can also be enabled to sense and measure the presence of few other selected gases. The device is equipped with high brightness Green & Red LED diodes, visible from all angles. Green light indicates safe condition. Should the captured data at any point of time breach the threshold of danger level, the light panel will turn RED and trigger an alert. Adequate care at design level is maintained to reduce the likelihood of false alarms from cross-contamination of gases. The continuously captured data is stored in the device and can be accessed wirelessly at desired intervals.

<u>Type</u>	<u>Particulars</u>	<u>Parameters</u>
Sensors	Temperature	-5°C to 85°C, precision – 0.1°C
	Relative Humidity	15% to 95% Humidity, Non-condensing
	CH ₄	0 to 5% (5% = 100% Lower Explosive Limit)
	CO	0 to 2000 ppm
	CO ₂	0 to 5% by volume
	O ₂	0 to 25% by volume
	H ₂ S, SO ₂ , NO ₂	-----
Others	Mains Supply	24V to 230V, 50Hz / Rechargeable Battery – 8 Hours
	Safety Standard & Housing	IP-65, Intrinsically safe / Plastic Casing
	Weight	< 500gms excluding battery
	Data Capture	60 seconds intervals or as desired
	Historic Data Storage	At control room server

Product features and duty parameters are subject to revision without prior notice.