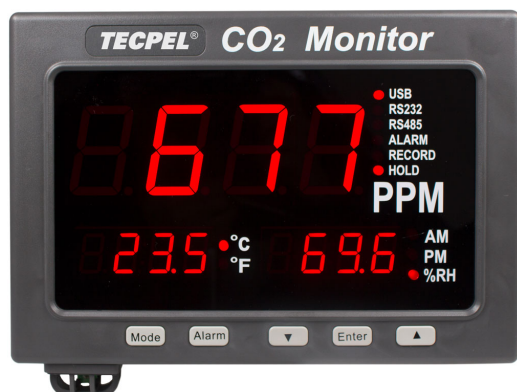


TRH-3358A CO2 / Temperature & Humidity Display Panel



- Large dual-line red LED display showing indoor air quality.
- Configurable upper/lower alarm mode with ON/OFF sound option.
- Red LED for easy reading in the dark.
- Simultaneous display of CO₂ concentration, temperature, and humidity.
- Configurable alarm limits for CO₂, temperature, and humidity (shared dry contact).
- When measurement exceeds the range, LED displays "OL".
- Memory capacity: 65,000 records.

The TRH-3358 CO₂ monitor is lightweight, flexible, and easy to operate. In addition to measuring CO₂ concentration, it also measures ambient temperature and humidity. It is designed to monitor indoor CO₂ concentration and can be widely used in offices, schools, exhibition halls, shopping centers, meeting rooms, gyms, restaurants, and other public places to ensure personal health.

Key Features:

CO ₂ Performance	
Measurement Range	1–9,999 ppm display
Sampling Rate	1 time/sec
Resolution	1 ppm at 0–9999 ppm
Accuracy	±70 ppm or ±5% of reading
Response Time	Approx. 2 min (90%)
Sensor	High-precision CO ₂ module
Temperature Performance	
Range	-20.0°C to 70.0°C (-4°F to 158°F)
Sampling Rate	1 time/sec
Resolution	0.1°C (0.1°F); 1°C (1°F) if >100°F or < -10°C
Unit Selection	°C / °F
Accuracy	±1.0°C (5°C–60°C); others ±2.0°C
Sensor	Semiconductor (Diode)
Humidity Performance	
Range	5.0%–95.0% RH
Sampling Rate	Every 4 sec
Resolution	0.1% RH
Accuracy	±5%RH (20%–80% RH @25°C); others ±5%RH
Sensor	Precision capacitive sensor

Operating Environment	
Temperature	0°C to 50°C (32°F to 122°F)
Humidity	0–95% RH, non-condensing
Storage Environment	
Temperature	-10°C to 60°C (14°F to 140°F)
Humidity	0–95% RH, non-condensing
Power Supply	
Input	24Vac ±20% (50–60Hz)
Power Consumption	6W @24Vdc
Analog Output	4–20mA (RL ≤250Ω)
Dry Contact (Relay)	Max: 1A @30Vdc
Dimensions & Weight	
Size	26 × 18 × 4.7 cm (L × W × H)
Weight	1000 g