Air Quality Sensor

Technical spec sheet

CO2 Ventilation
PM Particles
VOC Odors/Chem
T/RH Comfort
ALRT Thresholds
LOG Trends

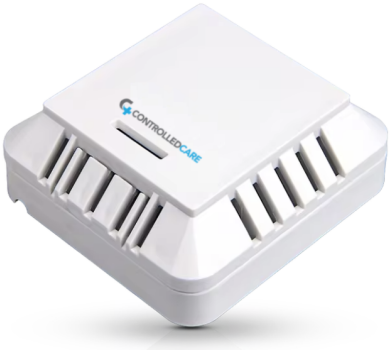
Highlights

- **Real-time indoor air insights**
  Continuous monitoring helps detect sudden changes compared to periodic sampling.
- **Protect patients & staff**
  Early visibility into particles, chemical pollutants, and ventilation performance supports safer care areas.
- **Configurable thresholds**
  Set limits by zone (patient room, waiting area, isolation room) and trigger notifications when exceeded.
- **Actionable reporting**
  Historical trends and event logs support audits, maintenance, and operational decisions.
- **Facility-wide deployment**
  Ideal for patient rooms, clinics, corridors, and other high-occupancy spaces.

Key Capabilities

Monitoring	VOCs, temperature & CO2, particulate matter,
Alerts	Notifications for rapid Threshold-based
Reporting	Exportable summaries Trends, logs, and Reports
Placement	Deployment for targeted Room / zone-based
Goal	Effectiveness and occupant Support ventilation

Front view



Angled view

Implementing IAQ Monitoring

Real-time visibility for safer, healthier patient environments

Why it matters

• Supports infection prevention by tracking airborne contaminants and ventilation indicators.
• Helps identify HVAC issues early (insufficient fresh air, filtration problems, excess humidity).
• Improves comfort for patients, visitors, and staff with temperature & humidity awareness.
• Creates an auditable record for continuous improvement and facility operations.

Wall-mount profile

Typical workflow

Sensor in room
Continuous sampling

Dashboard
Live trends & status

Alerts
Threshold exceeded

Action
HVAC / staff response

Common use cases

• Patient rooms & wards
• Waiting areas & triage
• Isolation / protective environments
• Operating / procedure areas
• Nursing stations & corridors

Measured indicators

• Particles (PM)
• CO2 (ventilation indicator)
• VOCs / odors
• Temperature
• Humidity

Note: Measurement set and connectivity options