

Business Scopes



Air Quality



Health Medical



Environmental Monitoring



Safety

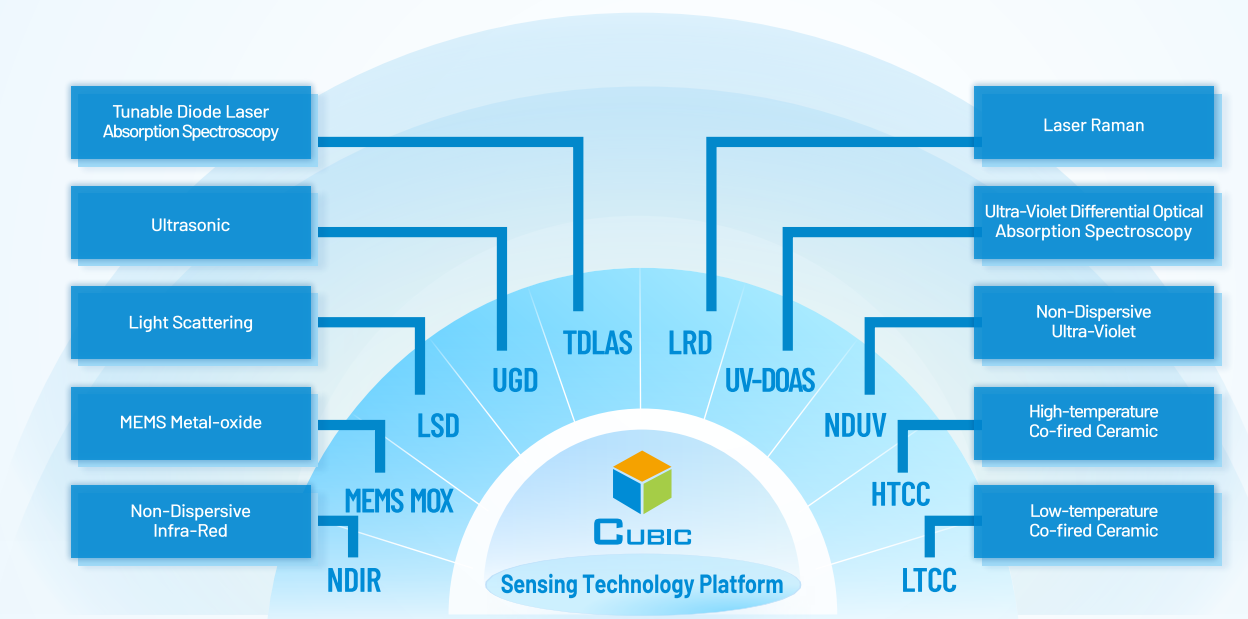


Industrial Process Monitoring

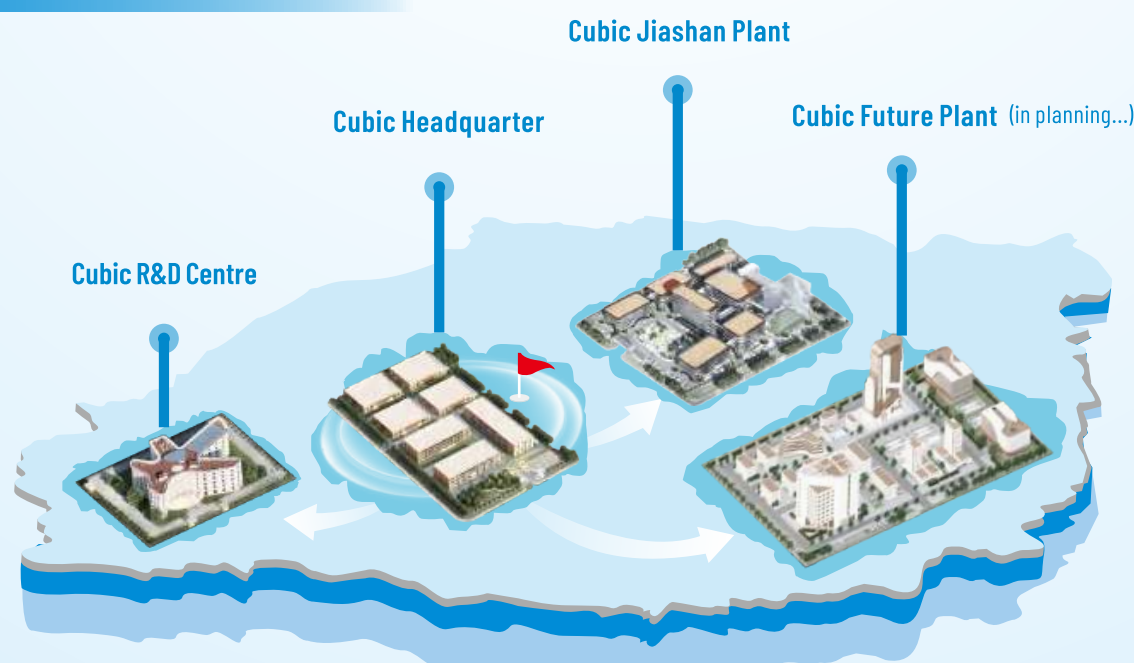


Smart Metering

Technology Platforms

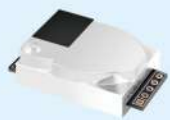


Cubic Glance



Environmental Air Quality Sensors

Carbon Dioxide Sensors



CM1106 Series
3% Accuracy
Supper Low Power



CM1107 Series
Dual Beam
Wide Measurement Range



CM1109 Series
Dual IR Source
Dual Measurement Range



Indoor PM Sensor
PM1.0, PM2.5, PM10
Below 35ug/m³ with
high accuracy: $\pm 5\text{ug/m}^3$



Outdoor PM2.5, PM10, TSP Sensor
API Technology
Linear regression coefficient
with β Ray device: $R^2 > 80\%$



Optical Particle Counter
28.3L Flow Rate
ISO21501-4 Complaint

Integrated Modules



AM1002
Multiple functions
PM tVOC T/RH



AM1009
Multiple functions
PM tVOC NO₂ T/RH



AM1010
Multiple functions
CO₂ PM tVOC HCHO T/RH



Air Quality Monitor



Boiler



Range Hood



Vacuum Cleaner



HVAC System



Air Conditioner



Air Purifier

OEM/ODM Solutions for Building HVAC System

Desktop Monitor



AM7000
CO₂, PM, VOC, HCHO, T/RH
Wireless with MQTT

Duct Mounted Transmitter



AM6208D
CO₂, T/RH
Duct mounted, easy installation for HVAC

Wall Mounted Transmitter



AM6108B
CO₂, PM, VOC, T/RH



AM6108A
CO₂, PM, VOC, T/RH



AM6208W
CO₂, T/RH

Modbus, BACnet, EnOcean, Analog 0~10V, Analog 4~20mA



Industrial Safety and Environmental Gas Sensing Solutions

Industrial Grade Miniature NDIR Sensing Solutions

▪ Oil & Gas CH₄, C₃H₈ Sensor



▪ Incubator CO₂ Sensor



- Miniature Package
- Multiple Detection Range Optional
- Superior Accuracy
- Fast Response
- Excellent Stability
- Long Life Time

Industrial and Environmental TDLAS Sensing Solutions

▪ Oil & Gas, Coal Mine CH₄ Sensor



▪ Greenhouse Gas CH₄ Sensor



- High Accuracy
- Low Concentration Range
- Super Low Detection Limit
- High Selectivity
- Superior Anti-Cross Interference
- Excellent Anti-Humidity
- Long Life Time



Automotive Gas Sensor Solutions

Cabin Comfort Monitoring

Automotive Air Quality Sensors



ACDS-1001
CO₂ Sensor



APMS-3308
PM_{2.5} Sensor



AQM-1020
AQM Sensor



AIS-8100
CO₂+PM_{2.5}



AIS-9100
PM_{2.5}+MOX

Air Quality Improvement Generator



AFG-1000
Fragrance Generator



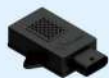
AAG-1000
Negative Ion Generator



AAG-1001
Plasma Generator

Safety Monitoring

Li-Battery Thermal Runaway Sensors(EV)



ATRS-1011
4 In 1 Integrated Sensor
CO₂+CO/H₂+T+P



ATRS-1021
5 In 1 Integrated Sensor
CO₂+CO/H₂+PM_{2.5}+T+P



ATRS-1031
Aerosol Sensor

Refrigerant Leakage Monitoring Sensors



R290(C₃H₈)Leakage
Monitoring Sensor
ARS-4203



R744(CO₂)Leakage
Monitoring Sensor
ARS-744

Environmental Monitoring

Exhaust Gas Sensors



Oxygen Sensor



NO_x Sensor



PN Sensor



UV-DOAS NO_x Gas Sensor
(NO+ NO₂+NH₃+SO₂)
Gasboard-2200



NDIR Gas Sensor
(CO+CO₂+HC)
Gasboard-2000



Medical and Healthcare Gas Sensor Solutions

Ventilator



Ultrasonic O2 Sensor
Gasboard 8500V-RH



Ultrasonic Flow and O2 Sensor
Gasboard 8500FS-L40

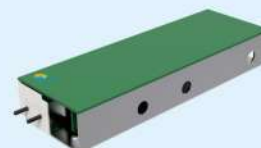


NDIR Mainstream ETCO2 Sensor
CM2201



Ultrasonic Flow and O2 Sensor
Gasboard 8500FS-L240

Anesthesia Machine



TDLAS O2 Sensor
Gasboard-2510



NDIR Anesthesia Gas Sensor



Ultrasonic Flow and O2 Sensor
Gasboard 8500FS-L240

Lung Function Analyzer



NDIR DLCO Sensor
Gasboard-2050

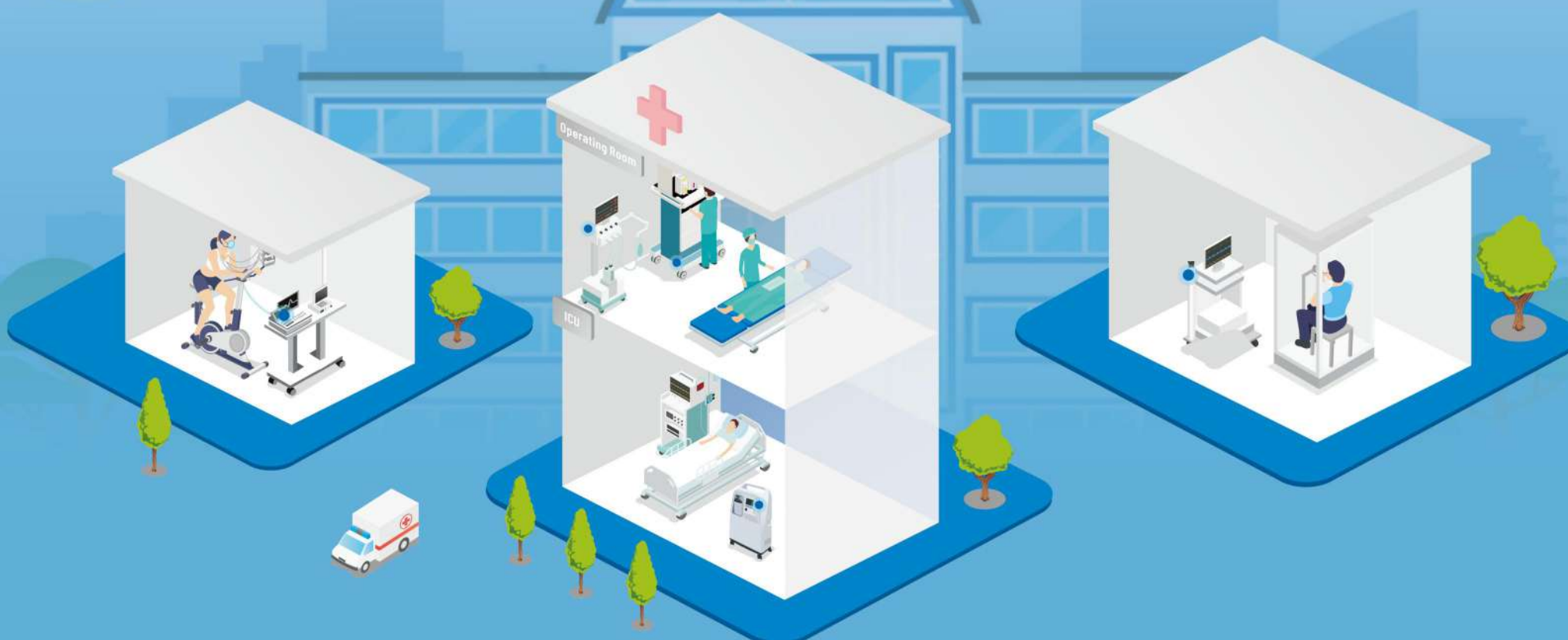


Ultrasonic Spirometer
Gasboard-7020

Oxygen Concentrator



Ultrasonic O2 Sensor
Gasboard-7500H



Safety Alarm Sensing Solutions

Residential and Commercial Refrigerant Sensing Solutions



NDIR A2L and A3 Refrigerant Gas Sensors



Portable NDIR Refrigerant Detector

- Excellent Accuracy
- Fast Response
- Free of Calibration
- Superior Long Life Time
- UL60335-2-40 Compliance
- Turn Key OEM Service
- Large Scale Production

Residential CO and CH₄ Alarm Sensing Solutions



Electrochemical CO Sensor



Carbon Monoxide Detector



NDIR CH₄ Sensor



NDIR CH₄ Gas Detector

- High Accuracy
- Quick Response
- Easy Operation
- Long Life Span
- Audio&Visual Alarm
- Flammable Proof Enclosure

