

Wireless IoT Sensors & Centralized Monitoring

Ensure a Safe, Healthy, and Compliant Environment with Wireless IoT Sensors

State-of-the-art sensors provide remote, real-time monitoring of critical environmental conditions, protecting your assets, personnel, and business operations across all industry verticals. Designed, developed & manufactured by Black Box, every sensor is engineered with enterprise-grade reliability, robust firmware, and proven interoperability with major IoT platforms.

A scalable portfolio of hardware and software components tailored to your specific environment and monitoring needs.



Wireless, LoRaWAN & LTE Based IoT Sensors



Modern Workplace Management



Monitoring Software BBX Visible

Wireless, LoRaWAN & 4G/LTE WIRELESS SENSORS

Environmental Condition Monitoring



Ambient Monitoring

Temperature & Humidity



Air Quality Monitoring

Air Quality Index



Door Open Close Monitoring

Door Open Close & Hall Sensor



Light Intensity Monitoring

Ambient Light Intensity



Occupancy Detection

Human Presence & Motion

Workplace Safety



Personal Tracker



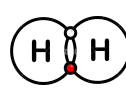
CO Sensor



CO2 Sensor



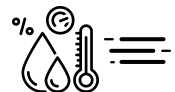
Ammonia Sensor



H2 Sensor

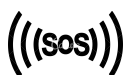


Multi Sensor
Temp | RH | CO



Multi Sensor
Temp | RH | CO | Motion

Panic & Distress



Smart Panic Button



Intelligent Relay with Wireless Alarm

Key Benefits of Wireless IoT-Based Remote Monitoring

IoT Based Remote Monitoring in Real-Time

IoT sensors enable continuous monitoring of temperature, humidity, air quality, occupancy, energy usage, lighting and safety.

Energy Efficiency & Cost Savings

Environmental sensors optimize HVAC, lighting, and power systems, reducing energy waste and cut operational costs.

Enhanced Occupant Comfort & Experience

Climate control, healthier indoor air quality, smart lighting, and space utilization improve comfort level and boosting productivity.

Strengthened Safety & Security

Smart surveillance, access control, and personnel tracking enables faster response during emergencies and ensures safeties.

Why Choose Black Box Remote Monitoring?

BBX Visible is created to seamlessly connect IoT devices, sensors, gateways, and other end-point devices to gain insights from the acquired data.

- Real-Time Monitoring
- Scalable for Any Environment
- Multi-Technology Expertise
- Industry-Proven Reliability

Use Cases

Industries using Black Box Remote Centralized Monitoring Solutions

Commercial & Public Buildings: Indoor environmental monitoring improves productivity, enhances visitor experience, reduces energy consumption, and makes spaces healthier and safer.

Healthcare & Life Sciences: Indoor environmental monitoring ensures sterile air quality, temperature and humidity control, and safe storage conditions across hospitals, labs, and pharmaceutical facilities.

Digital Infrastructure Hub: Environmental monitoring ensures temperature & humidity control, preventing overheating, static damage, downtime to improve energy efficiency and system reliability.

Smart Buildings & Offices: Real-time environmental data to optimize air quality, temperature, occupancy, and energy usage to make workspaces efficient.



BBX Visible IoT Platform & Mobile App

ABOUT BLACK BOX: Black Box® TPS is a leading global technology provider trusted by customers in mission-critical industries to master operations in the world's most demanding high-performance IT environments. Black Box is providing leading technology solutions since 1976, Black Box helps more than 175,000 customers in 150 countries build, manage, optimize, and secure IT infrastructures. The breadth of our global reach, continuous innovation, and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.