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iAeris Indoor Air Quality Detector with Microsoft Azure Sphere inside







Benefit

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- Device security
- Device and OS update

Cloud

- Cloud security
- Online OS error reports



iAeris air quality detector advantages

- Anti-noise electrical design
- Precise algorithms
- Flexible parameter combinations
- Index performance certifications
- Relay contacts to connect to HVAC systems
- In-house calibration lab



Application scenarios



iAeris is a series of intelligent air quality detectors that measures several indexes of indoor air quality. They provide not only real-time information about surrounding environment conditions but also keep a history record. iAeris with Microsoft Azure Sphere inside constitutes the first step of the AIoT solution by collecting air quality information and guarantees your device security.



Real-time air quality display, history record download, error notification

Customized software and firmware for the integration with Azure Cloud, Azure IoT central/IoT Hub platform

Collection of environmental information and connecting to Azure cloud

About Sysinno

Sysinno's state-of-the-art products include the iAeris series of air quality measurement units, as well as cloud-connected, IoT-enabled controllers that help provide a 360° solution to air quality concerns. In the future, Sysinno will launch more versatile environment sensors including measurements of vibration, ambient noise and atmospheric pressure. In addition, Sysinno provides customized solutions to meet its customers' requirements.