



Cyrus AQ

Air Quality Sensor

Product Overview

Cyrus AQ is an advanced indoor air quality sensor designed to monitor and enhance the indoor environment. Equipped with BLE 5.2 wireless communication, it accurately measures Temperature, Humidity, CO₂, PM1.0, PM2.5, PM10, TVOC, and AQI from the surrounding air.

Seamlessly transmitting the data to the cloud via the Enor E Gateway, Cyrus AQ offers effortless monitoring through a mobile app for instant insights and a web app for in-depth reports. Designed for easy installation, it can be mounted on any surface using screws or simply hung in place. Ideal for homes, offices, and smart buildings, Cyrus AQ ensures a healthier indoor space with continuous, intelligent air monitoring.

Specifications

Electrical

Parameter	Value	Remarks
Power supply	5VDC MINI-USB	
Power consumption	0.5W	

Communication

Parameter	Value	Remarks
Technology	Bluetooth	
Frequency range	2402 - 2480MHz	
Range	45m (147ft)	Max range in Line-of-Sight communication
Output power	10dBm	
Antenna	Internal wire antenna	

Features

- Tracks temperature, humidity, CO₂, PM1.0, PM2.5, PM10, TVOC, and AQI for a healthier indoor space.
- Uses BLE 5.2 for stable, low-power data transmission.
- Powered by a 5V mini-USB for simple and efficient operation.
- Provides consistent and reliable air quality measurements.
- Sends data to the cloud via the Enor E Gateway for remote monitoring.
- Check real-time data on the mobile app and view detailed reports on the web app.
- Easily mounts on any surface with screws or hangs for quick setup.
- Ideal for homes, offices, schools, and smart buildings.

Environmental

Parameter	Value	Remarks
Operating temperature	5-50°C (41-122°F)	
Operating humidity	95%	Non-condensing
Storage temperature	50°C (122°F)	

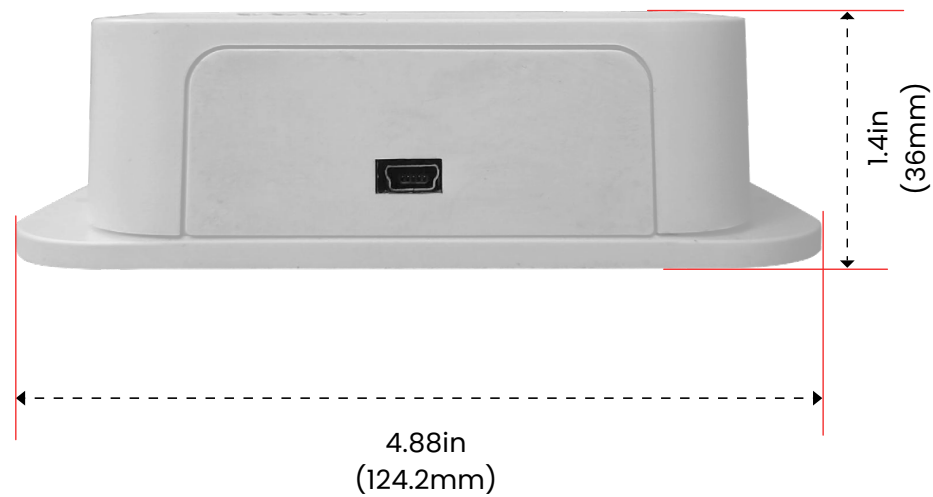
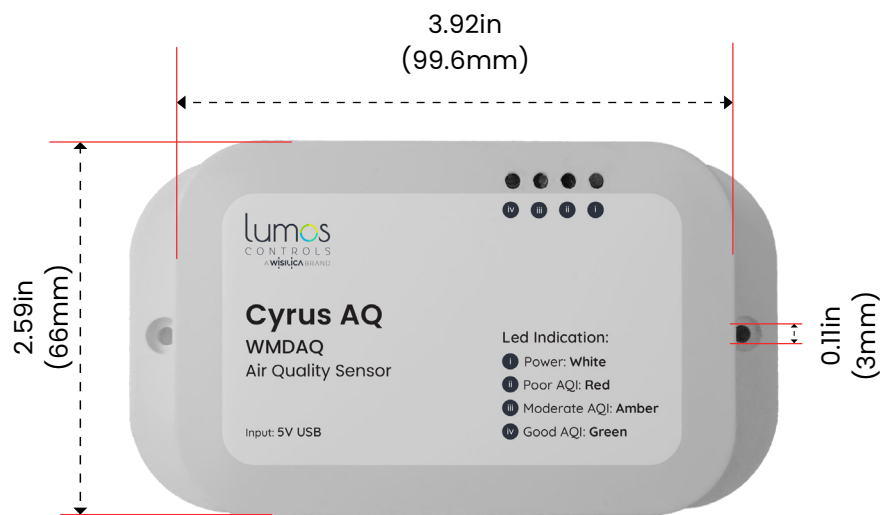
Mechanical

Parameter	Value	Remarks
Dimension	4.8 x 2.5 x 1.4in (124.2 x 66 x 36mm)	L x W x H
Weight	125g (4.40oz)	
Enclosure	Polycarbonate ABS	

Parameter

Parameter		Value	Remarks
Detected parameters	Temperature (T)		
	Relative Humidity (RH)		
	Carbon Dioxide (CO ₂)		
	Particular Matter (PM ₁ , PM _{2.5} , and PM ₁₀)		
	Total Volatile Organic Compound (TVOC)		
AQI			
Temperature	Measuring range	0-50°C (32-122°F)	
	Sensor output resolution	0.1°C (32.1°F)	
Humidity	Measuring range	0-100%	
	Sensor output resolution	0.1%	
CO ₂	Measuring range	400-65,000ppm	
	Sensor output resolution	1ppm	Output in ppm CO ₂ equivalents
PM _{1.0} , PM _{2.5} , PM ₁₀	Measuring range	PM _{1.0}	0-500 µg/m ³
		PM _{2.5}	0-1,000 µg/m ³
		PM ₁₀	0-1,500 µg/m ³
	Sensor output resolution		1 µg/m ³
TVOC	Measuring range	0-65,000ppb	
	Sensor output resolution	1ppb	
AQI	Measuring range	1-5	Air Quality Index according to UBA Classification of TVOC value
	Sensor output resolution	1	

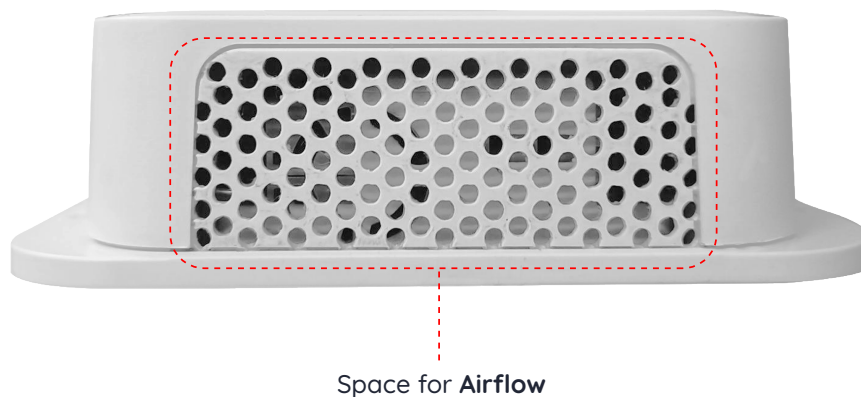
Product Dimensions



Interface Description

AQI moderate- Amber LED (iii) AQI Poor - Red LED (ii)

AQI Good- Green LED (iv) Power- White LED (i)

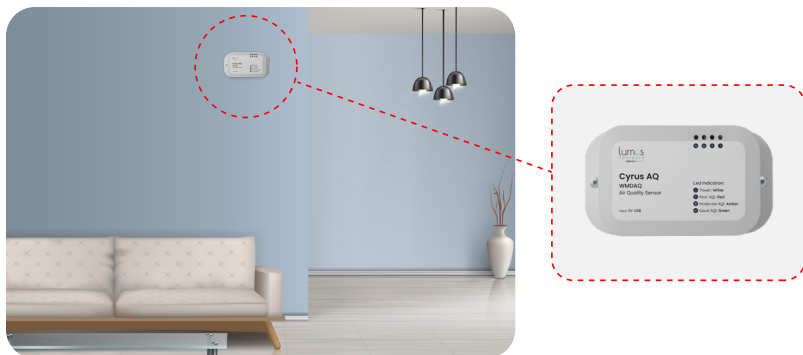


Installation

Steps for Installing Cyrus AQ

1 Select an Installation Location

- Choose a location indoors with proper airflow, away from direct sunlight, heating vents, and moisture sources.
- Recommended height: 1.5 to 2 meters (5 to 6.5 feet) from the ground for accurate readings



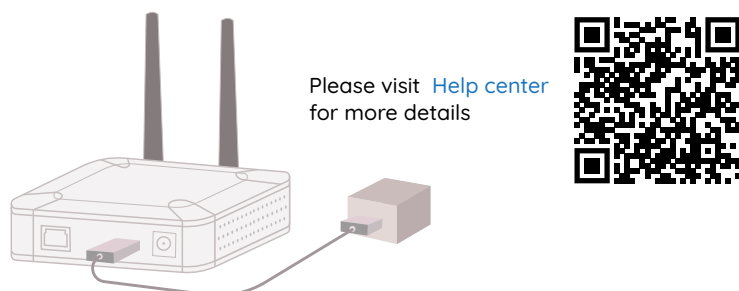
3 Power the Device

Connect the **5V mini-USB** cable to the device and plug it into a power source.



5 Setup Enor E Gateway

- Ensure the **Enor E Gateway** is powered and connected to the internet.
- The sensor will automatically **sync and send data** to the cloud.



2 Mount the Device

- **Wall Mounting:** Use the screws to securely fix the sensor to the wall.
- **Hanging Option:** Use a hook or cable tie to hang it in the desired position.



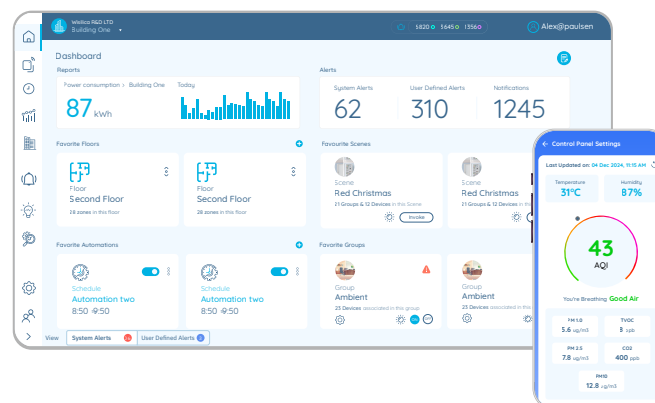
4 Pair with Lumos Controls Mobile App

- Download and open the **Lumos Controls mobile app**.
- Follow the instructions to pair the sensor.

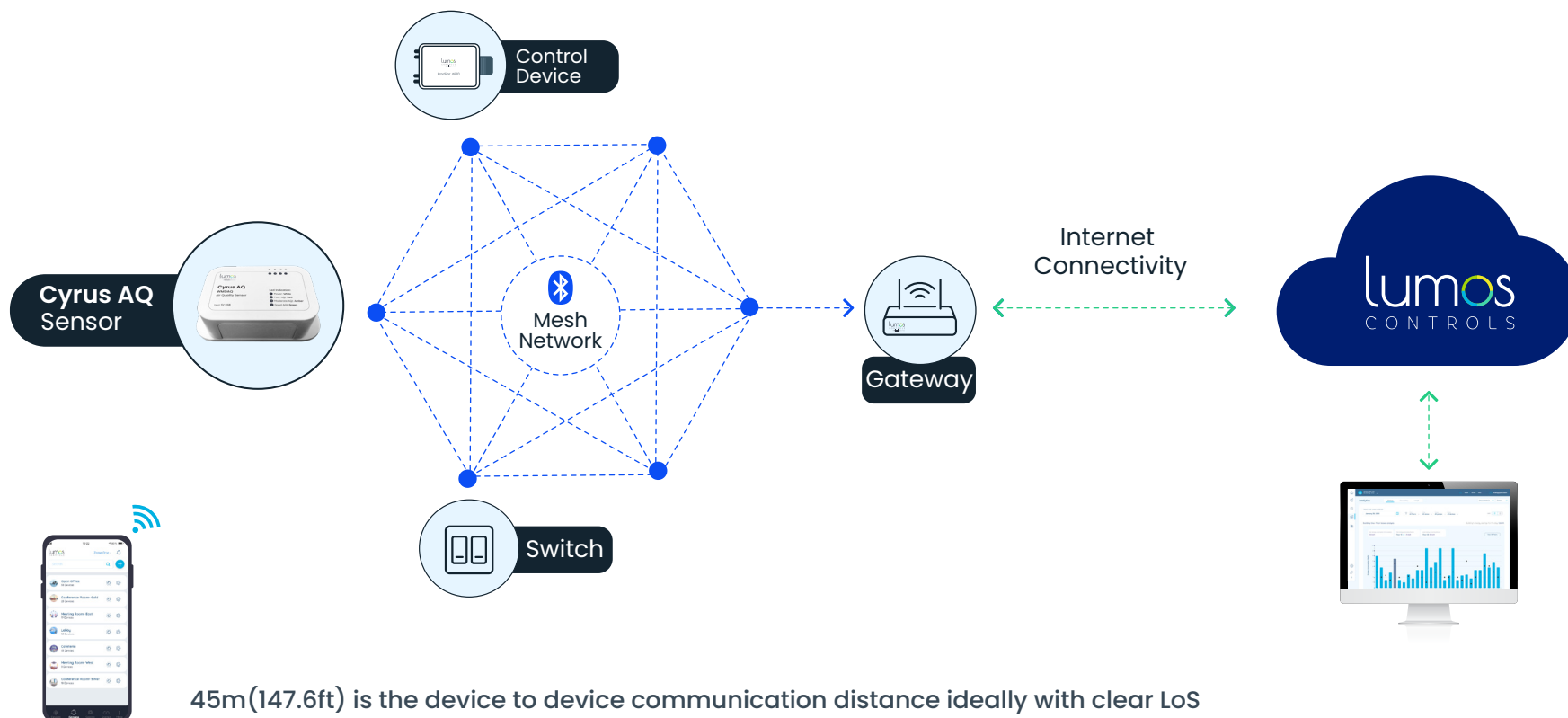


6 Monitor the Air quality

- Open the **mobile app** to check real-time air quality readings.
- Log in to the **web app** for detailed trend reports



Smart Ecosystem



Ordering Information

Product Code	Product Name	Product Description	Input Rating	Parameters Sensed
WMDAQ	Cyrus AQ	Air Quality Sensor	5V mini-USB	Temperature, Humidity, CO2, PM1.0, PM2.5, PM10, TVOC, AQI

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