



# SMART AIR QUALITY SOLUTION

Help you build and maintain a  
healthy indoor environment

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# Multi-sensor monitors for indoor air quality

Tongdy sensing technology, located in Beijing China, has been focused on air quality detection and control for 15 years. With the strong product development and

design capabilities, Tongdy's air quality products have been used in a lot of projects around the world.

## Our global customers



# Commercial air quality monitor

We provide air quality monitors for indoor and in-duct and outdoor air detection. They are working together for all round and accurate analysis of indoor air quality, quantitative assessment of indoor air pollution.



# Why “Tongdy Multi-sensor” ?

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## Exclusive innovative calibration algorithm

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Proprietary technology, the effective calibration method to support higher data accuracy in different environment

## Unique professional multi-sensor module

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Special multi-sensor module with the sealed cast aluminum structure and up to six sensors inside

## Continuous R&D investment and product quality control

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Tongdy-owned, and huge investment in research and development to ensure the product reliability and innovation

## Real-time data monitoring and historical data analyzing improve and optimize your indoor air quality

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“MyTongdy” Platform will help you reading and analyzing data of your air quality on PC or mobile APP

## The expert of indoor air quality data

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Over 15 years experience for indoor air quality , Tongdy provides commercial accurate data and help you to make data-driven decisions that foster health-centered indoor environments

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# Our exclusive multi-sensor products

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# MSD

## Indoor Air Quality Monitor

PM2.5 PM10 CO2 TVOC HCHO Temperature Humidity

CE FC Reach RoHS IC



Reset B class



Long Life



LED Tri-colored lights



Cloud-based



High Data Accuracy



High Stability



Automatic constant  
air volume control



WELL

# PMD

## In-Duct Air Quality Detector With Up To Eight Sensors

PM2.5 PM10 CO2 TVOC HCHO CO Ozone Temperature Humidity

CE FC   IC



Reset B class



Cloud-based



Special pitot tube



High Data Accuracy



Easy to clean filter mesh



Automatic constant  
air volume control



# TF9

## Outdoor Air Quality Detector

PM2.5 PM10 CO2 TVOC HCHO CO Ozone Temperature Humidity

CE FC   IC



High Reliable



UV-resistant



Wi-Fi



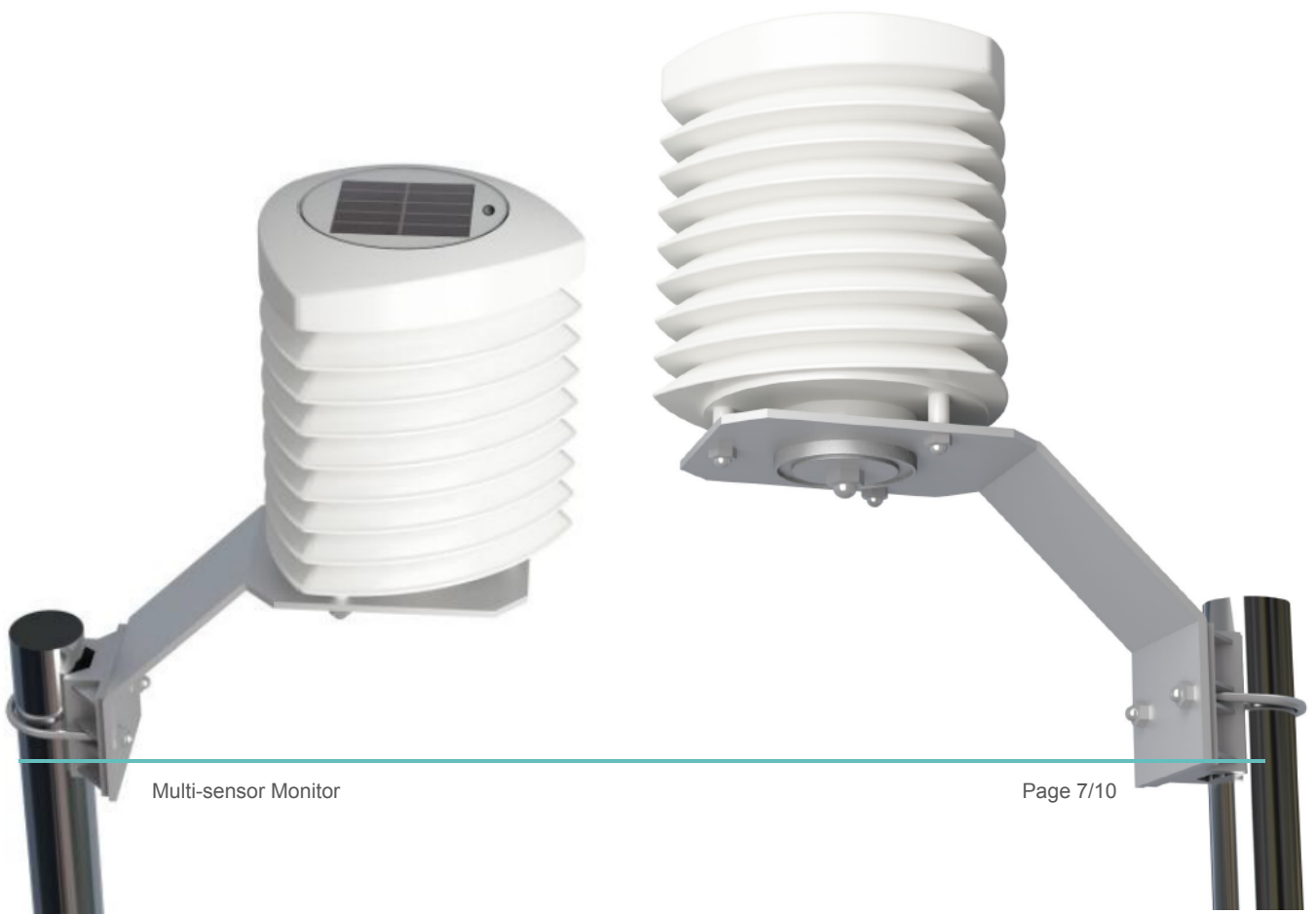
Ethernet



RS - 485

Modbus<sup>®</sup>

ASHRAE BACnet<sup>®</sup>







# TSP-18

## Multi-sensor Monitor

PM2.5 CO2 TVOC Temperature Humidity



Tri-colored lights



Convenient installation

optional

Screen display optional



Lower price





# EM21

## Embedded Indoor Air Quality Monitor

PM2.5 CO2 TVOCs HCHO Temperature Humidity

**optional**

Screen display optional



Simple and Compact



Wall-Embedded



Reset B class

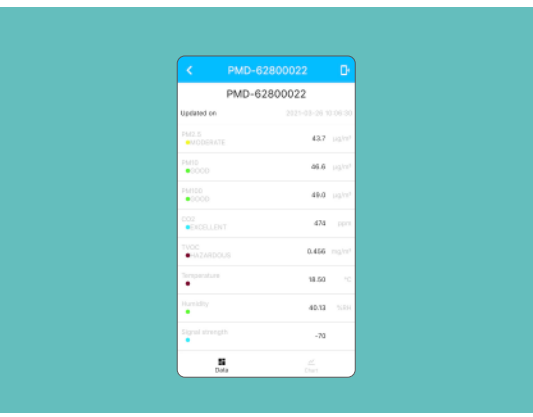
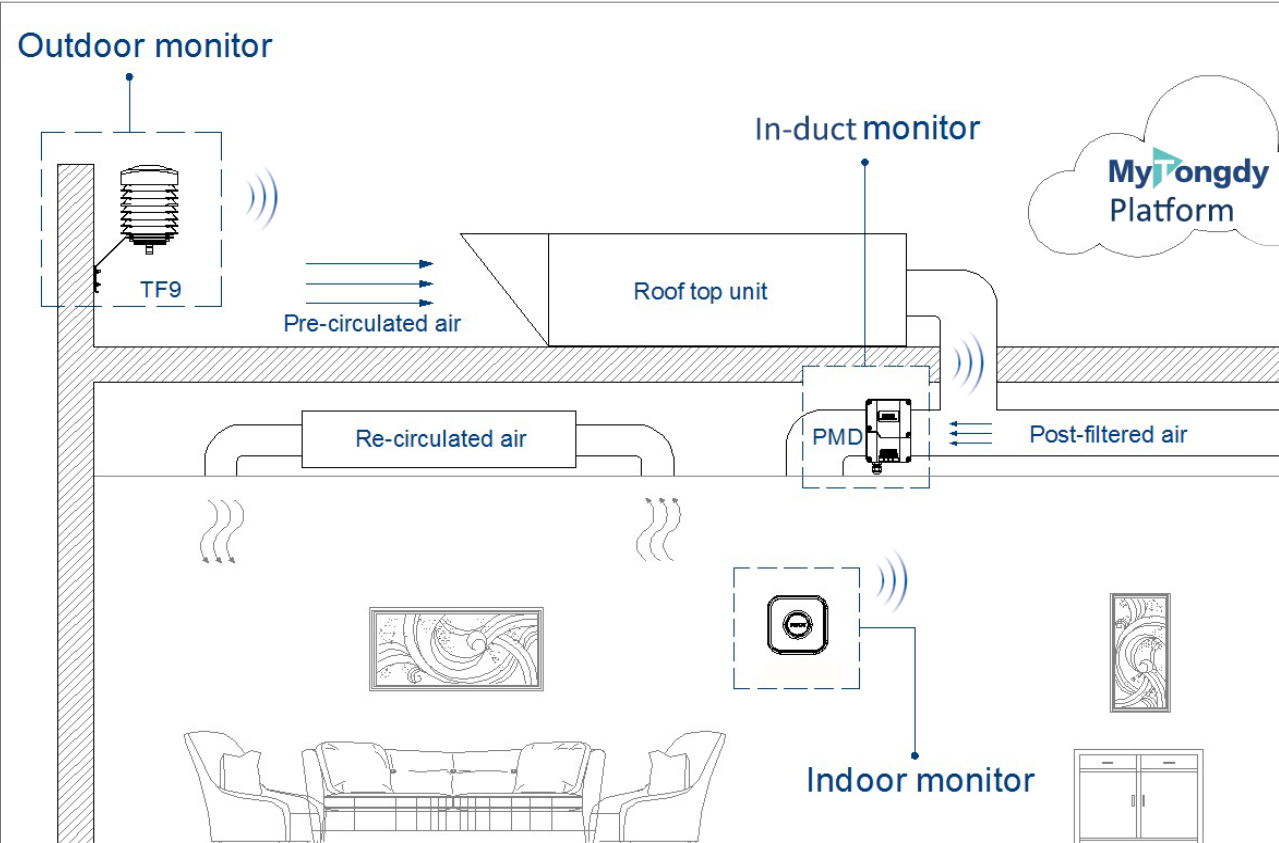


	Indoor	In-duct	Outdoor	Indoor	Indoor
<b>Installation</b>	Ceiling mounting / wall mounting	Duct mounted	Pole mounted or outdoor wall mounting	Wall mounting	Embedded wall mounting
<b>Gas sensor</b>	PM2.5, PM10, CO2, TVOC, HCHO, Temperature and Humidity	PM2.5, PM10, CO2, TVOC, HCHO, CO, Ozone, Temperature and Humidity	PM2.5, PM10, CO2, TVOC, HCHO, CO, Ozone, Temperature and Humidity	PM2.5, CO2, TVOC, Temperature and Humidity	PM2.5, CO2, TVOC, HCHO, Temperature and Humidity
<b>Wi-Fi</b>	●	●	●	●	●
<b>Ethernet RJ45</b>	●	●	●	●	●
<b>RS485 (BACNet MS/TP)</b>	●	●	●	●	●
<b>RS485 (Modbus RTU)</b>	●	●	●	●	●
<b>Extra RS485</b>	●	●	●		
<b>Power Supply</b>	12~28VDC 18~27VAC or 100~240VAC POE switch power supply	12~28VDC 18~27VAC or 100~240VAC POE switch power supply	12~24VDC (connect with a 100~240VAC/ 1A power adaptor)	24VAC±10%, or 18~24VDC	DC18~36V/AC24~28V, 100~240VAC PoE Switch power supply
<b>Dimension</b>	Length:130mm Width:130mm Height:45mm	Length: 180mm Width: 125mm Height: 65.5mm	Width: 190mm Total Height: 362~482 mm	Length: 94mm Width: 116.5mm Height: 36mm	Length: 91.00mm Width: 111.00mm Height: 51.00mm
<b>Weight</b>	400g	850g	2.35kg~2.92Kg	170g	210g
<b>Cloud storage</b>	●	●	●	●	●

# User friendly and professional data platform "MyTongdy"

Your benefit from " MyTongdy"

- Gathering real-time data of air quality
- View and download history data and curves



# Contact

Contact us to learn more about our  
air quality devices

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