



## Intelligent and versatile

The Predia Sensorbox is a compact, intelligent and versatile device that allows you to easily monitor air quality for a healthy, comfortable and sustainable living environment. The sensitive sensors provide real-time reliable measurements of temperature, humidity, particulate matter and CO<sub>2</sub> in the air. Thanks to the PIR motion sensor, you also save a lot of energy. The sensor measures activity in the room and switches off the display as soon as no movement is detected for a period of time.

### Compact and versatile design

The Sensorbox is small, lightweight and easy to install under a touchscreen.

### Sustainable and reliable

By monitoring the temperature, you use energy more efficiently and save costs.

### High accuracy

The Sensorbox features sensitive sensors for accurate and reliable measurements.

### Easy login

The Sensorbox has a built-in NFC reader. Easily log in to your own environment with your NFC card.

### Easy to use

The data from the Sensorbox is uploaded directly onto your touchscreen.

### Ideal working environment

The right temperature improves work performance, increases concentration and prevents drowsiness and lethargy.

## Sensor Specifications

PIR Sensor	Detection Distance	3-5M
	Detection Angle	H:±40°(80°) V:±27.5°(55°)
Humidity	Accuracy	±5%
	Range	5%RH to 95%RH
Temperature	Accuracy	±1-2°C
	Range	-20°C-85°C
NFC	Operation Mode	Reader/Writer
PM 2.5	Detecting Distance	3-5cm
	Supporting ISOs	15693 @ 13.56MHz and 14443 @ 13.56MHz
	Detecting Range	0~10000µg/m3
	Response time	<2s
VOCS	Detecting Range:	400-29000ppm

## Power

Internal Power	5A/1A
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## General Specifications

Dimension (package) L×W×H"	206*69*31.7mm
Dimension (package) L×W×H"	275*228*63mm
Net Weight	180g
Gross Weight	253g

## Environmental Conditions

Operation Temperature	0°C- 4°C
Operation Humidity	10% - 90%RH
Storage Temperature	-20°C - 60°C
Storage Humidity	10% - 90%RH
Altitude	Below 5000 meters

## Accessory

NFC Card	1x
User Manual	1x

## Product Technical Drawings

