

# Handheld visibility meter

Model ES-V226H



## Main features

- It can detect visibility indoors and in any narrow environment;
- Highly integrated, no calibration or debugging required, can be used after power on;
- Built-in rechargeable lithium battery for easy field inspection;
- Built-in Bluetooth module, professional APP software and IoT platform;
- Can be handheld for mobile detection or fixed on a tripod;
- Equipped with a professional instrument box, portable and safe;

## Application

- Highways, ships
- Drilling platforms
- Waterways, ports
- Wind power generation
- Automatic weather stations

## Introduction

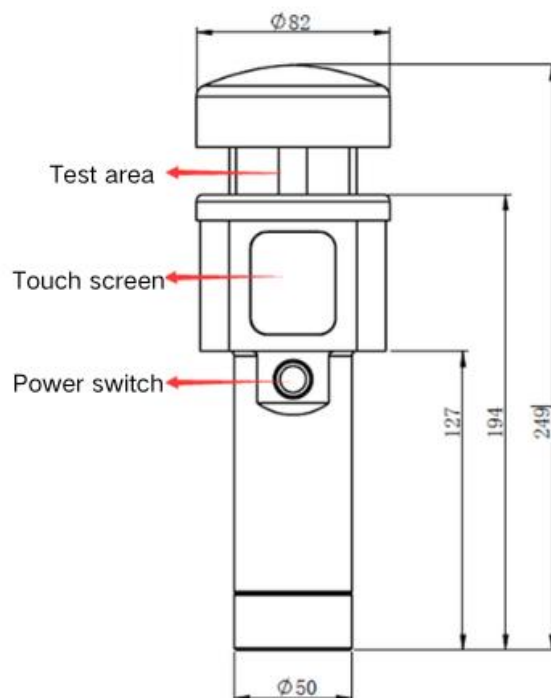
ES-V226H Handheld Visibility Tester adopts a unique testing method to draw air into a specially designed closed air sampling chamber, which can ensure real-time exchange with the outside air and is not affected by the external space environment. It can also measure normally in a small room.

The handle is made of aluminum alloy, which is sturdy and convenient for users to hold with one hand. 3 18650 rechargeable lithium batteries can be installed inside to ensure that the visibility instrument can work continuously for more than 72 hours.

It comes with a 2.5-inch touch screen to display measurement data in real time. Built-in Bluetooth module, dedicated APP software, real-time reception of test data on the mobile phone; data can also be synchronized to the Internet of Things platform in real time for storage or analysis, which is particularly suitable for field inspections.

## Dimension

Unit:mm



## Specification

Measuring range	Visibility (MOR): 20 - 10000 m
Data transmission	Bluetooth module; Wireless transmission module: Mobile 4G DTU (optional)
Data display	2.5-inch touch control display screen/mobile app software display; IoT client display interface (optional)
Power supply	Internal rechargeable lithium battery (continuous operation for more than 72 hours)/charging adapter
Operating temperature	-10 ... +65 °C
Operating humidity	10 - 100% RH
Dimensions	230*83mm
Weight	less than 0.8kg (without tripod)

**Note:**

1. This type of visibility meter is suitable for detecting the visibility of fog, smoke, haze and aerosol in natural atmospheric environment;
2. This type of visibility meter does not have waterproof and dustproof functions, and is strictly prohibited from being used for visibility detection in special environments such as rainy days, snowfall, hail, artificial dust, artificial rain and fog laboratories, etc.

## Order guide

ES-V226H	Visibility Sensor		
	CODE	Function type	
	A	Stainless steel + surface spraying	
	B	Die-cast aluminum + surface spraying	
		CODE	Signal output
		1	RS485
		2	RS232
ES-V226H	B	1	Order example