

# So Many Anemometers to Choose From, Which One Match My Need?



Scarlet Tech  
[scarlet-tech.com](https://scarlet-tech.com)



A low-angle, upward-looking view of a tall construction crane against a bright sky, with a red overlay. The crane's lattice structure is prominent, and the perspective creates a sense of height and scale.

## **Knowing Which Anemometer is Best For You**

When it comes to choosing which type of anemometer best suits your needs, it can take a lot of time and effort to actually do your research.

This quick guide will help you point out each anemometer functionalities so it's much easier for you to find and choose which anemometer match your needs.



## 01 Scarlet Tech Wireless Anemometer

### WR-3 Wind Monitor

This is Scarlet's All Time **Best-Seller** Anemometer.

It comes handy in one box that contains: wind cup, wind sensor, handheld receiver, and receiver mounting holder. Mounting bracket is also available by request (optional).

#### Best Use For:

- If you only need to measure **wind speed**.
- Tall heights application! such as Crane, Office Tower, etc.
- Cost-effective solution, for those who needs a simple and standard anemometer without needing Smart phone or Computer Cloud Data Monitoring.





## 02 Scarlet Tech Wireless Anemometer

### WL-11

This is like WR-3 but with additional ability to measure wind direction. So, WL-11 measures both wind speed and wind direction.

#### Best Use For:

- If you are looking for a cost-effective anemometer that can measure wind speed and direction.
- Tall heights application! such as Crane, Office Tower, etc.
- NOT needing Smart phone or Computer Cloud Data Monitoring.





## 03 Scarlet Tech Wireless Anemometer

# WL410 Industry Controller

The model WL-410 is widely used at construction worksites, factory, etc. Use to monitor and control external devices triggered by wind speed.

### Best Use For:

- If you are looking for a more "heavy-duty"/ industrial anemometer.
- Flexible and Customizable. The receiver has 3 contact relays which allows external device connectivity.
- Programmable Audible and Visual alarms.
- Bluetooth connectivity to transmit measured data to Smart phone. Free App for iOS and Android phone tablet.



## ☐ 04 Scarlet Tech Wireless Anemometer

### WindPro Wifi

WindPro is a cloud-based anemometer system that helps users get real time site wind information, anywhere, from any smart device by simply logging into Scarlet web portal.

#### Best Use For:

- If there are multiple users who needs to monitor remotely.
- 24/7 Data Access by PC, Laptop, Smart phone.
- Flexible and Customizable. The receiver has 3 contact relays which can be connected to external devices, such as sirens, LED flashlights or control machines.
- Audible and Visual alarms.





## ☐ 05 Scarlet Tech Wireless Anemometer

# WindSmart Bluetooth

WindSmart lets you use your phone as a wind data receiver.

### Best Use For:

- Suitable for personal or recreational use.
- Range up to 100m, Sensors mount on a pipe with 20 mm diameter.
- Use FREE App on Smart phone or Tablet to receive and monitor wind data.





## 06 Scarlet Tech Wireless Anemometer

# Explosion-Proof E10/11

E10/11 Explosion-proof Anemometer is specially designed for hazardous area. The sensor of the wireless anemometer can be installed in Zone 1/2 hazardous area. However, the receiver (monitor) can only be used in a non-hazardous safe zone.

### Best Use For:

- Suitable for use in extreme work environment such as oil and gas drilling offshore, mine site, etc.
- World's first ATEX certified wireless anemometer to use in Zone 1 & Zone 2 hazardous environments.
- Flexible and Customizable. The receiver has 3 contact relays which can be connected to external devices, such as sirens, LED flashlights or control machines.







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