



### Features & Benefits

- Supplied with air velocity probe; 100mm to 600mm
- Air velocity range 0 – 40m/s
- Simple, quick installation
- Easy configuration via USB / downlink
- Battery life 3+ years
- Signal and battery indicator

### Technical Overview

Measuring air velocity in the range of 0 to 40m/s with industry leading accuracy of 0.1% of selected range. Unique Multi-Range digital sensor allows multiple ranges to be selected automatically or remotely.

### Technical Specification

|                    |                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Radio output type  | LoRaWAN                                                                                                                                         |
| Frequency Range    | 863-870MHz, 902-928MHz                                                                                                                          |
| Security           | AES 128 Encryption                                                                                                                              |
| Batteries          | SAFT LS14500 or EVE ER14505 AA size 3.6 Volt Lithium Thionyl Chloride (Li-SOCl <sub>2</sub> ) batteries (non-rechargeable) or direct equivalent |
| Battery Life       | 3+ Years                                                                                                                                        |
| Probe length       | 500mm                                                                                                                                           |
| Air Velocity       | 0-40 m/s                                                                                                                                        |
| Housing colour     | Black                                                                                                                                           |
| Housing Dimensions | 129 x 67 x 41mm                                                                                                                                 |
| IP Rating          | IP40 / NEMA 1. Optional gasket: IP67 / NEMA 4                                                                                                   |
| Compliance         | UKCA, CE, FCC compliant                                                                                                                         |
| Country of origin  | UK                                                                                                                                              |

### Related Product Codes

|                     |                                                  |
|---------------------|--------------------------------------------------|
| <b>RF-LW-AV-100</b> | LoRaWAN Air velocity measurement,<br>100mm probe |
| <b>RF-LW-AV-200</b> | LoRaWAN Air velocity measurement,<br>200mm probe |
| <b>RF-LW-AV-300</b> | LoRaWAN Air velocity measurement,<br>300mm probe |
| <b>RF-LW-AV-400</b> | LoRaWAN Air velocity measurement,<br>400mm probe |
| <b>RF-LW-AV-500</b> | LoRaWAN Air velocity measurement,<br>500mm probe |
| <b>RF-LW-AV-600</b> | LoRaWAN Air velocity measurement,<br>600mm probe |