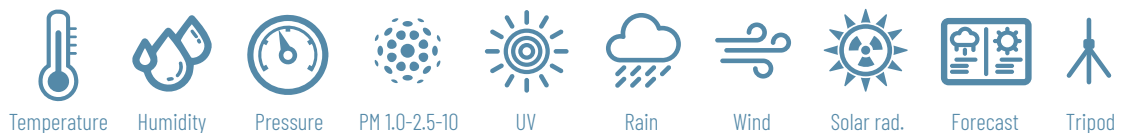




LoRaWAN[®] weather station

enginko[®] integrates a LoRaWAN[®] communication system in a Davis Instruments Vantage Pro2 Weather Station. The station, rugged and flexible, is equipped with a wide range of sensors and it offers reliable weather data under the most demanding circumstances.



Reliable



Built with **outstanding quality** parts, for many years of service with minimal maintenance

Modular

Different configurations available to **adapt** to different use cases

Adaptable

Also for smart cities with **particulate matter** sensor to measure air quality



Self powered
with a **5W solar panel**

MCF-LWWS00/01

LoRaWAN® weather station

Applications

- Smart Agriculture
- Industry
- Smart City
- Waste station control



Parameters

- Inside and outside temperature and relative humidity
- Barometric pressure
- Rainfall
- Dew point
- Wind speed/direction (detachable)
- Solar radiation
- PM1, PM2.5, PM10 **
- UV sensor (optional)

** available only on MCF-LWWS01

Specifications

- Wind Direction 0°- 360° ±3°
- Temperature range -40°C + 65°C ±0.3°C
- Relative Humidity from 0% to 100% ±2%
- Atmospheric pressure from 880 to 1080 hPa ±1hPa
- Rain range 0 to 6553 mm ± 4%
- Solar Radiation 0 -1800W/mq ±5%
- PM sensor PM1/PM2.5/PM10 ±15% **
- Class A LoRaWAN® stack EU868, AS923, AU915, US915
- 5W Solar panel powered with 12Ah battery, 6V
- Mounting Tripod with Lag Bolts



MCF-LWWS00/01
official web page:



cod. EN092W01