



sicetelecom.it



ATR50057 Weather Station

ATR50057 LoRaWAN® Weather Station with PM sensor

ATR50057 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 and gives these variables:

- Inside and Outside Temperature and Relative Humidity
- Barometric Pressure
- Rainfall
- Dew Point
- Wind Speed and Direction sensors (detachable)
- Solar radiation
- PM1, PM2.5, PM10 (optional)



Characteristics:

- 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 EU868, AS923
- 5W Solar panel powered with 12AH battery, 6V
- Mounting Tripod with Lag Bolts

Applications:

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



sicetelecom.it

Data visualization on ATRS0057 web Cloud platform:

City	Amsterdam
Location	Noord-Holland (Netherlands)
Time zone	(UTC+01:00) Amsterdam
Coordinates	52° 22' 53" N 004° 52' 6" E
Altitude	2.2 m
Height	12 m
Brand	Davis Instruments
Model	Vantage Pro2 Plus
Website	
Description	

6 °C
Feels like 6°

ENE 1 m/s
1027 hPa
87 m

8:47 AM
4:52 PM