

BEST SHOT IS ONLY ACHIEVED
WITH **BEST BALLISTIC AIR**
SENSOR TECHNOLOGIES

MILITARY WEATHER STATION



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Types of Weather Stations

1. **Ballistic:** Basic weather measurement capabilities.
2. **Ballistic + Compass:** Includes compass for directional measurements.
3. **Ballistic + Compass + GPS:** Adds GPS for precise positioning along with directional measurements and basic weather capabilities.

The Military Weather Station, created by NERO, is designed to monitor weather changes with high accuracy using advanced sensors. It communicates data to users via **RS-422**, **Ethernet**, and **CAN-BUS** interfaces. This station measures:

It is compatible with wheeled-tracked vehicles and command control shelters that have light and medium caliber weapons.

Wind Speed	
Range	0 – 60 m/s
Accuracy	± 0.5 m/s +%5
Resolution	0.1 m/s

Wind Direction	
Azimuth	0 – 360°
Accuracy	± 5°
Resolution	0.1°

Military Standards

MIL-STD 810
MIL-STD 461
MIL-STD 1275

Direction Of The Sensor To Magnetic North	
Azimuth	0 – 360°
Accuracy	± 5°
Resolution	0.0625°

Dimensions	
Height	500 mm
Diameter	85 mm
Base Diameter	138 mm
Weight	<5 kg

Data Transition

Can-Bus
RS - 422
RS-485
Ethernet

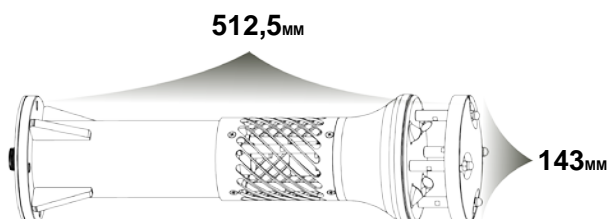
Relative Humidity	
Range	0 -100 %RH
Accuracy	± 2 RH
Resolution	%0.01 RH

Air Temperature	
Range	– 55°C – +80°C
Accuracy	± 0.5°C
Resolution	0.0625°C

- Air temperature
- Relative humidity
- Wind speed
- Wind direction
- Atmospheric pressure

GPS Positioning	
Latitude	90° N – 90° S
Longitude	180° E – 180° W
Accuracy	1.5 m

Absolute Atmospheric Pressure	
Range	300 – 1250 hPa (mbar)
Accuracy	± 0.5 hPa (mbar)
Resolution	0.016 hPa (mbar)



P1 D38999/26WD19PA	
—	A BATTERY+++
—	B BATTERY+++
—	T 422 A
—	G 422 B
—	R ISOLATED GROUND
—	V EARTH
—	SHIELD

