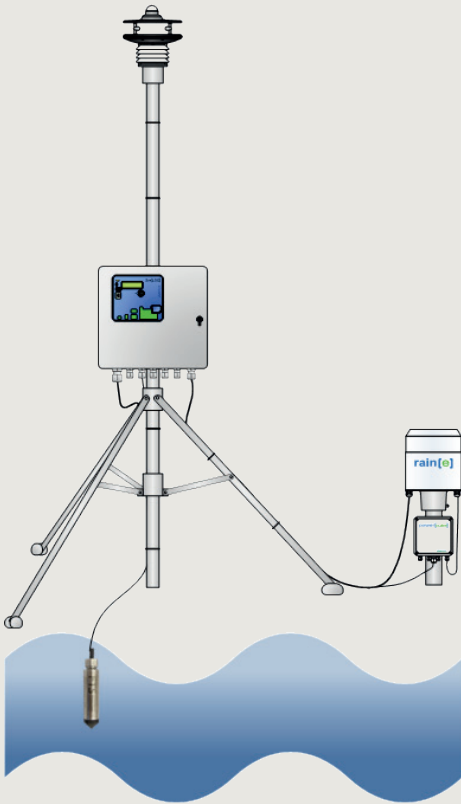


Ascend Weather Station for Ports



POSSIBLE APPLICATIONS:

- Port facilities
- Shipyards
- Weather services
- Climate research
- Meteorological & hydrological studies

Engineered to withstand storms and seawater

REAL-TIME MONITORING OPTIMIZES OPERATIONS AND MINIMIZES RISKS

The Ascend Weather Station, specifically designed for maritime and port environments, is not only highly reliable but also seawater-resistant. Its rugged construction enables it to withstand the harshest conditions on and around the water, while consistently providing precise data for weather and water monitoring. In port operations, the Ascend Weather Station's accurate measurements improve crew and vessel safety and help increase overall operational efficiency.

DATA LOGGER SER[LOG] FOR LONG-TERM WEATHER ANALYSIS

Accurate data acquisition is a critical component of any weather monitoring solution. Ser[LOG] is a scalable communication platform for professional meteorological data acquisition and data processing.

TRACK HYPERLOCAL CONDITIONS

Track and monitor eleven weather parameters directly at your location:

- Wind direction
- Wind speed
- Air temperature
- Relative humidity
- Global radiation
- Barometric pressure
- Dew point (calculated value)
- Precipitation amount & intensity
- Water temperature
- Water level

BENEFITS



Capture the accurate, localized weather data you need to make timely, critical decisions



Ser[LOG] for data acquisition and data processing with minimal effort and high flexibility



Low-maintenance deployment-ready weather station featuring seawater-resistant, state-of-the-art sensors

Act early, stay in control – with Ascend weather solutions

As extreme weather events become more frequent and intense, accurate weather data is gaining critical importance for businesses, authorities, and individuals alike. Proactive weather monitoring enables timely detection of environmental changes and supports informed decision-making.

With real-time data from the seawater-resistant Ascend Weather Station, port authorities and maritime operators can accurately and promptly detect weather-related changes. This enables them to act quickly and effectively to safeguard supply chains, keep port operations running smoothly, and protect personnel and infrastructure.

The Ascend Weather Station for Ports overview:

ID 21.83002.138700

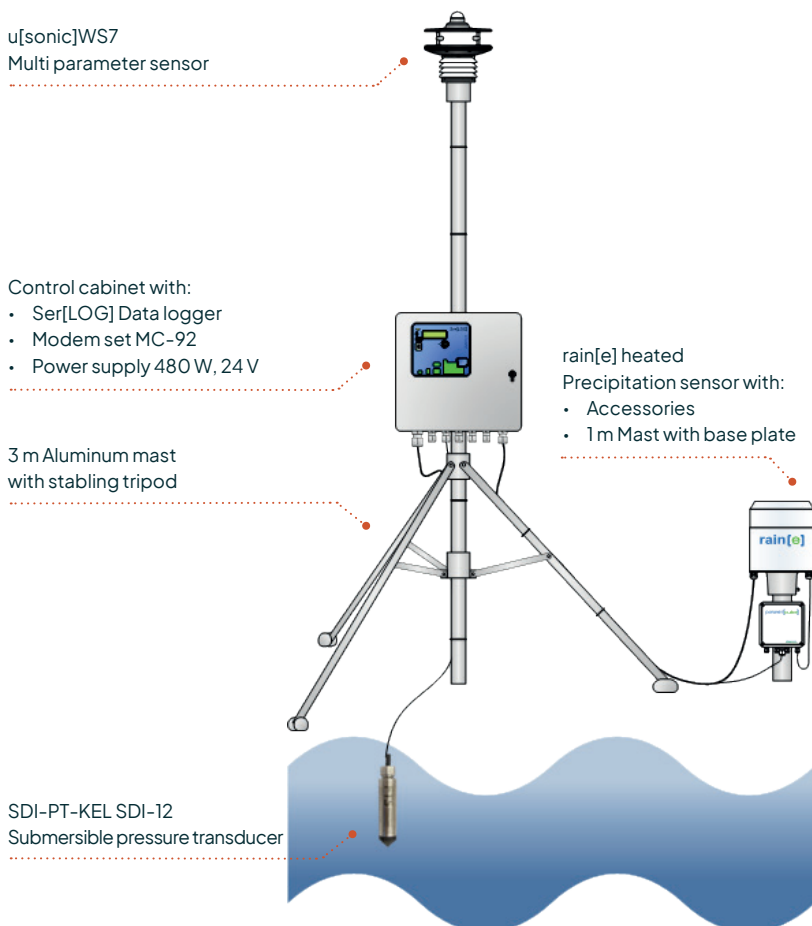


Photo credits/Copyright: © Thomas@AdobeStock.com

Key features

PROVEN, FIRST-CLASS METEOROLOGICAL SENSORS

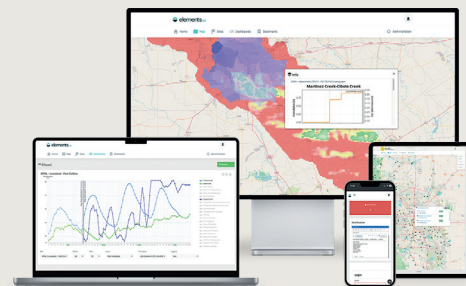
- Robust technology with independent, integrated sensors and no moving parts for superior accuracy of each measurement
- Innovative, compact design minimizes labor and installation costs for easy setup

SER[LOG] DATA LOGGER

- Alert system for ten warning channels using built-in and external relays (e-mail, SMS)
- Stores data reliably for one year in ring buffer
- User-friendly with free access to all connections and controls

AEM ELEMENTS™ 360 SOFTWARE (OPTIONAL)

- Analyze real-time data from your station for better decision-making and planning
- Customize alerts to your specific thresholds and receive timely notifications when conditions change
- Edge-to-cloud data security protects your data and privacy and ensures accurate measurements



ELEVATE YOUR WEATHER MONITORING CAPABILITIES TODAY

To learn more about our innovative solutions, visit aem.eco or contact us at info@aem.eco