HyMET

Real-time Meteorological Monitoring System

Marine | Oceanography | Meteorology

General Description

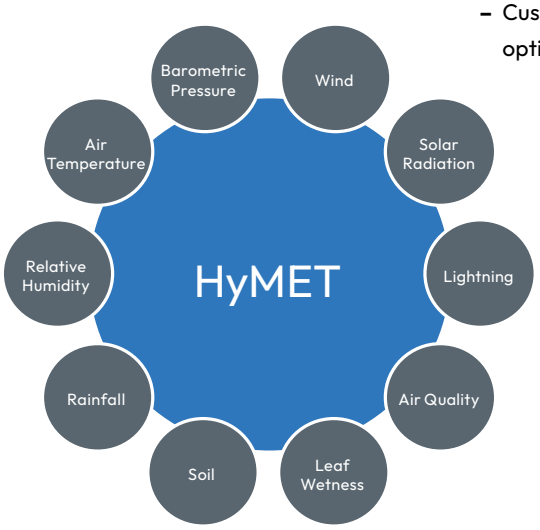
HyMET is a fully integrated range of real-time meteorological monitoring systems. The four HyMET system suites (see flipside) provide a range of designs suitable for a broad range of applications from marine weather monitoring in the harshest of environments to agricultural monitoring and urban smart city networks.

Custom Design

Each system is able to be completely customized with a large range of options including sensors, communication methods, power sources and data acquisition choices. Each system base configuration is typically suitable for most applications. It can be easily expanded to deliver a unique solution for specific requirements.

The standard 4G IoT communications enables live and streaming data to be forwarded to the cloud for data logging, further processing and presentation. All data can be accessed via the Global Data Network or Atmocean secure data portal. The 4G connection also enable seamless and direct connection to sensors for configuration changes and diagnostics.

KISTERS offers field services like installation, integration and maintenance, too.



Applications

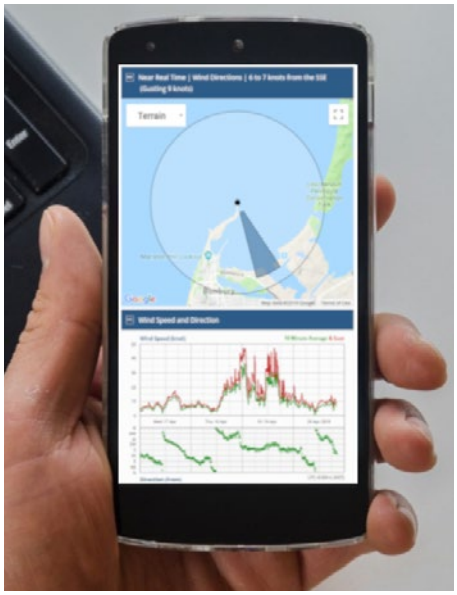
HyMET is especially suitable for

- Ports & harbours
- Marine & coastal applications
- Hydrology & water applications
- Industrial monitoring
- Urban applications & smart cities

Features

- Choice of four HyMET systems designed for various markets (see flipside)
- Fast and flexible configuration
- Large range of sensors available
- 4G IoT communications
- Adaptable to other communication systems including direct serial, UHF, satellite, ethernet
- IoT cloud based data access
- Solar or AC power
- Customized mountings and enclosure options available





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Technical Specifications

System	HyMET PRO	HyMET AGRI	HyMET VIEW	HyMET EDU
				
Standard Sensors	– Ultrasonic wind speed and direction – Air temperature – Relative humidity – Barometric pressure	– Wind speed and direction – Air temperature – Relative humidity – Barometric pressure – Rainfall	– Wind speed and direction – Air temperature – Relative humidity – Barometric pressure – Rainfall	– Wind speed and direction – Air temperature – Relative humidity – Barometric pressure – Rainfall
Optional Sensors	– Rainfall – Compass heading – GPS position – Solar radiation – Lightning	– Solar radiation – Lightning – Leaf wetness – Soil moisture – Soil temperature	– Solar Radiation	
Power	– Solar or AC	– Solar or AC	– Solar or AC	– Solar or AC
Communications	– 4G IoT (standard) – Serial, UHF, mesh, satellite or ethernet	– 4G IoT (standard) – Serial, UHF, mesh, satellite or ethernet	– Local display (standard) – 4G IoT, serial, UHF, mesh, satellite or ethernet	– Wifi (standard) – 4G IoT, serial, UHF, mesh, satellite or ethernet
Hardware Options	– Enclosures – Masts – Sensor brackets	– Enclosures – Masts – Sensor brackets	– Masts – Weatherlink offline datalogger	

KISTERS' Custom Solutions for Marine Appications

Are you looking for a tailor-made solution, ready to deploy? KISTERS' engineering and fabrication workshop and experienced engineering staff have the ability to provide customized solutions for any marine appication.
Please contact KISTERS for details.

Specifications are subject to change without notice. Weights and dimensions are indicative. - © KISTERS | 10.2024

Reseller

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