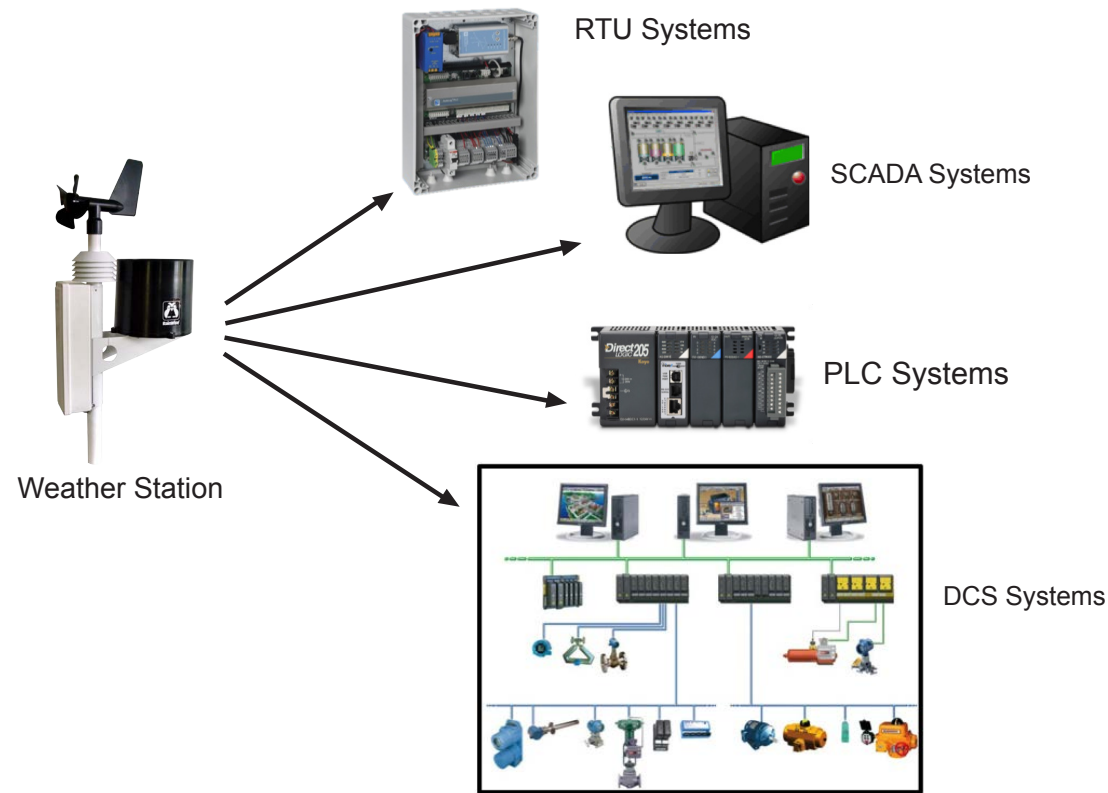


Plug & Play Modbus/RS485 Connectivity

for Commercial Monitoring and Maintenance!



The Perfect Solution for Modbus Based Environments

The AMK-01-MB enables easy connectivity of our premier weather stations to any system supporting the industry standard Modbus protocol. Seamlessly communicating with either a remote programmable controller or integrated control system, the AMK-01-MB of stations provide crucial environmental data needed to monitor and carry out actions based on meteorological conditions such as wind speed, wind direction, temperature and many other weather based variables. Optional NIST certification of sensors is also available.

Typical Modbus based systems include:

- **PLC's** (Programmable Logic Controller)
- **RTU's** (Remote Telemetry Unit)
- **SCADA** (Supervisory Control and Data Acquisition) Systems
- **DCS** (Distributed Control System)
- **BMS** (Building Management System)
- **Agricultural Irrigation Systems**

Commercial Meteorological Stations

AMK-01-MB Weather Stations for Industrial Using Modbus/RS485 Connectivity



The AMK-01-MB of fully assembled, compact wired weather stations offer an economical option for industrial monitoring and maintenance. The station is designed for easy installation and integration into existing Modbus/RS485 networks. It provides accurate and reliable weather data for a wide range of applications, including transportation, environment, and safety monitoring. The station is built with durable, weather-resistant materials and is suitable for use in harsh industrial environments. Optional upgrades are available to enhance the station's capabilities, such as a heated rain gauge and solar radiation sensor.

Examples of applications

Transportation & Environment Usage and Safety Monitoring

Roadways, airports, bridges, railways, harbours, flood management, marine safety, mass transit, broadcast meteorology, parks and recreational facilities, waste management, fire prevention, scaffold and crane safety, and utilities risk management.

The Professional All-Purpose Compact Weather Station

- Wind Speed
- Wind Direction
- Ambient Temperature
- Relative Humidity
- Barometric Pressure
- Rainfall

Optional Upgrades:

- Industrial Aluminum Rain Gauge (Heated upgrade available with 120V/240V)
- Solar Radiation
- UV Index
- 1 degree Wind Sensor
- **PV/Battery powered station (AKM-01-MBS) upgrade available!**

AMK-01-MB offers:

Efficient Operation	Rugged, Compact Design	3 Models & Upgrades Available
<ul style="list-style-type: none"> • Fully assembled and factory calibrated • Easy set-up • Accurate weather sensors for efficiency monitoring • Operates over a broad 	<ul style="list-style-type: none"> • Durable & weather resistant • Ultra-violet inhibited • Stainless steel hardware • Optional add-on sensors 	<ul style="list-style-type: none"> • Easy integration to most SCADA, DCS and PLC environments via Modbus RTU interface using RS-485