DATA SHEET

WEATHER STATION

SKU: 990-0006-MB

Link4 Weather Station: Precision performance, zero hassle.

The Link4 Weather Station features solid-state sensors for wind, light, temperature, and humidity. Its compact, low-maintenance design is quick to install and built for reliability; it's engineered for true year-round performance.

SPECIFICATIONS	DETAILS
Wind Speed	0–60 m/s (±0.3 m/s)
Wind Direction	0–359° (±3°)
Temperature	–20 °C to +80 °C (±0.5 °C)
Humidity	10–90% RH (±2% RH)
Light Measurement	0 - 1200 W/m2
Output	Modbus RTU
Power Supply	24VDC
Data Update Rate	1 Hz (typical)
Cable Interface	4 conductor 22AWG, twisted pairs, shielded, stranded cable

Connectivity

- Communication: Modbus RTU
- Configurable via Pearl Controller
- Recommended COM Port: COM2 (for lightning isolation)

Sensors Included

- Wind Speed and Direction Sensor
- Light Sensor
- Rain Sensor
- Digital Temperature and Humidity Sensor

Temperature and Humidity Sensor

- Integrated radiation shield improves measurement reliability in sunlight
- Fully sealed and compact for long-term outdoor deployment