

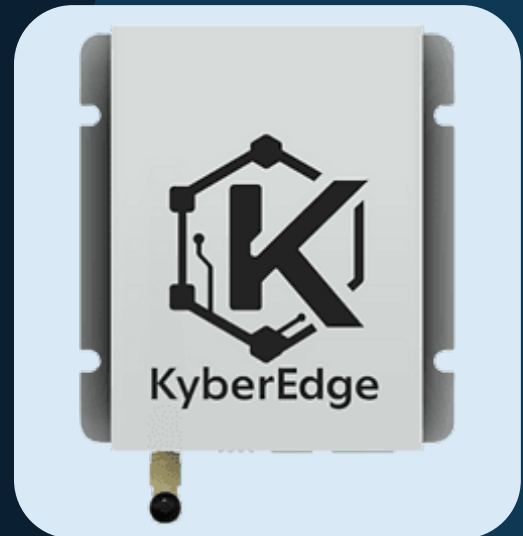
7-in-1 Weather Station

A compact, connected environmental station that turns local conditions into useful field intelligence.

ULTRASONIC WIND

LTE / MQTT

CLOUD READY



Seven critical weather variables. One integrated station.

KyberMini connects an integrated outdoor station to the KyberAir data platform for live monitoring, cloud history and operational alerts. It is engineered for practical field deployments where reliable weather context matters.

• What it measures

**Wind speed**

0 - 40 m/s

**Wind direction**

0 - 359 degrees

**Temperature**

-40 to 80 C

**Relative humidity**

0 - 99 %RH

**Atmospheric pressure**

0 - 120 kPa

**Light intensity**

0 - 200,000 lux

**Rainfall**

0.1 mm resolution

Connected by KyberMini

KyberMini telemetry enables configurable LTE / MQTT data delivery, dashboard visibility and system integration.



Specification overview

Published sensor values for the integrated 7-in-1 weather station. KyberMini configuration and uplink options can be tailored to the deployment.

Measurement	Range / resolution	Accuracy	Response time
Wind speed	0 - 40 m/s; 0.5 m/s start	+/- (0.5 + 2% FS)	1 s
Wind direction	0 - 359 degrees	+/- 3 degrees	1 s
Temperature	-40 to 80 C	+/- 0.5 C	<= 8 s
Relative humidity	0 - 99 %RH	+/- 3 %RH	<= 25 s
Atmospheric pressure	0 - 120 kPa	+/- 0.15 kPa	<= 2 s
Light intensity	0 - 200,000 lux	+/- 7%	<= 2 s
Rainfall	0.1 mm resolution; <= 4 mm/min	+/- 4%	Continuous

SYSTEM & INTEGRATION	
Sensor housing	UV-resistant ABS; IP54 protection
Wind technology	Ultrasonic sensing; no moving wind parts
KyberMini uplink	Configurable LTE / MQTT telemetry; dashboard and API integration

Designed for field context

- Agriculture and greenhouse operations
- Weather-aware air-quality monitoring
- Industrial and infrastructure sites
- Smart-city and research deployments

Installation note

Orient the station's north reference toward true north for correct wind-direction reporting. Mount in an open location with a clear exposure to prevailing conditions.

Values are published sensor specifications and are intended as a concise product guide. Site design, mounting and communications are configured for the selected KyberMini deployment.