Getting Started

with the

LI-550 TriSonica® Mini
Wind and Weather Sensors and

LI-560 TriSonica® Sphere
Ultrasonic Anemometer

Operating information for your TriSonica anemometer is available at licor.com/TriSonica-support.

📋	**Instruction Manuals**	Instructions for installing, configuring, and operating the instruments.
▶	**Video Tutorials**	Videos showing common applications, with installation and configuration tips.
↓	**Software**	Software for configuring the sensor and viewing data.

LI-550F TriSonica® Mini

Features a flat base for versatile mounting options.

Measures wind direction, wind speed, air temperature, air pressure, humidity, tilt, and orientation.

LI-550P TriSonica® Mini

Mounts to ½" sch. 10 pipe (DN 15) or 22 mm carbon fiber tube.

Measures wind direction, wind speed, air temperature, air pressure, humidity, tilt, and orientation.

LI-560 TriSonica® Sphere

Mounts to ½" sch. 10 pipe (DN 15) or 22 mm carbon fiber tube.

Measures wind direction, wind speed, air temperature, and tilt.

LI-COR®

Cables and accessories

- **550USB**: USB interface adapter to connect any TriSonica anemometer to a computer for configuration.
- **571S-1**: 1.25-meter cable to connect a LI-550P or LI-560 to a serial data recorder. Terminates with bare leads.
- **571D-1**: 1.25-meter cable to connect a LI-550P or LI-560 to the LI-570 Data Logger.
- **571D-10**: 10-meter cable to connect a LI-550P or LI-560 to the LI-570 Data Logger.
- **571D-C**: Custom cable kit with two sets of connector assemblies for a user-supplied cable. Connects a LI-550P or LI-560 to the LI-570 Data Logger or a serial data recorder. 25 meters maximum length.

Mounting hardware

- **550FM**, **550PM**, and **560M** mounting adapters feature a ¼-20 threaded insert for mounting the corresponding TriSonica anemometer to a camera tripod or custom platform.

Notes and precautions

- Read the manual before connecting the device to a power supply.
- Do not apply power to a sensor that has visible damage.
- DO NOT TWIST the cable during installation or removal. Doing so will damage the pins. To remove the cable, grasp the collar and pull it away from the connector.

DO NOT TWIST the cable. Doing so will break the pins.

Grasp the collar and pull to disconnect.