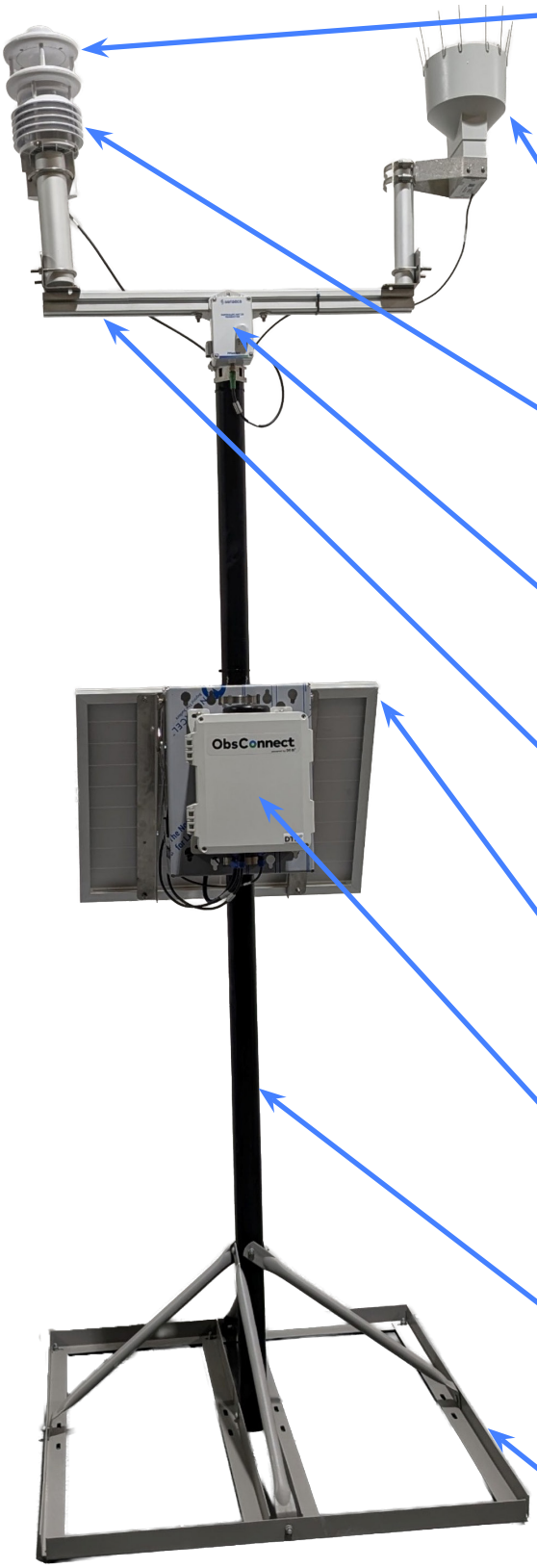
Know What's Happening Where It Matters

ObsConnect Weather Station



Radar-Based Precipitation Sensor (Pro Station)

Factory-integrated sensor providing full precipitation intelligence, including type classification — drizzle, rain, snow, ice crystals, and hail.

Tipping Bucket Rain Gauge (Optional Add-On)

High-accuracy precipitation amount and intensity measurement. Requires an existing ObsConnect weather station. Ideal when precise rainfall accumulation is the primary measurement needed.

Weather Station Sensor Array

Professional-grade sensor array measuring air temperature, dew point temperature, relative humidity, wind speed, wind direction, solar irradiance, and Wet Bulb Globe Temperature. Pro Station includes integrated radar-based precipitation sensor for precipitation amount, intensity, and type detection.

AQI Sensor (Optional Add-On)

Laser scattering particulate matter sensor measuring PM1, PM2.5, and PM10 concentrations in real time. Requires an existing ObsConnect weather station.

Dynamic Mount Bracket

Configurable mounting bracket compatible with standard 2 3/8" diameter pole. Mounting hardware also available for walls and other unique mounting configurations.

Solar Panel

Included with all purchase and DaaS configurations. Provides energy to the station at locations without access to an external power source.

ObsConnect Communication Box

Contains pre-configured cellular module, DC power, and battery back-up. Transmits real-time sensor data to the Weather Hub platform via MetConsole Cloud. No additional network setup required.

8 ft Powder-Coated Pole (Optional)

Sensor mounting brackets for pole are included. Pole and roof mount are sold separately. Pre-drilled pole compatible with non-penetrating roof mount hardware.

Non-Penetrating Roof Mount (Optional)

Roof and flat surface mount for installations. Sold separately.

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