

Our Modbus KTA-302 to Davis Vantage Pro2 Weather Station Gateway allows you to easily connect your PLC (Programmable Logic Controller), RTU (remote telemetry unit) or SCADA System to one of the following Davis weather stations:

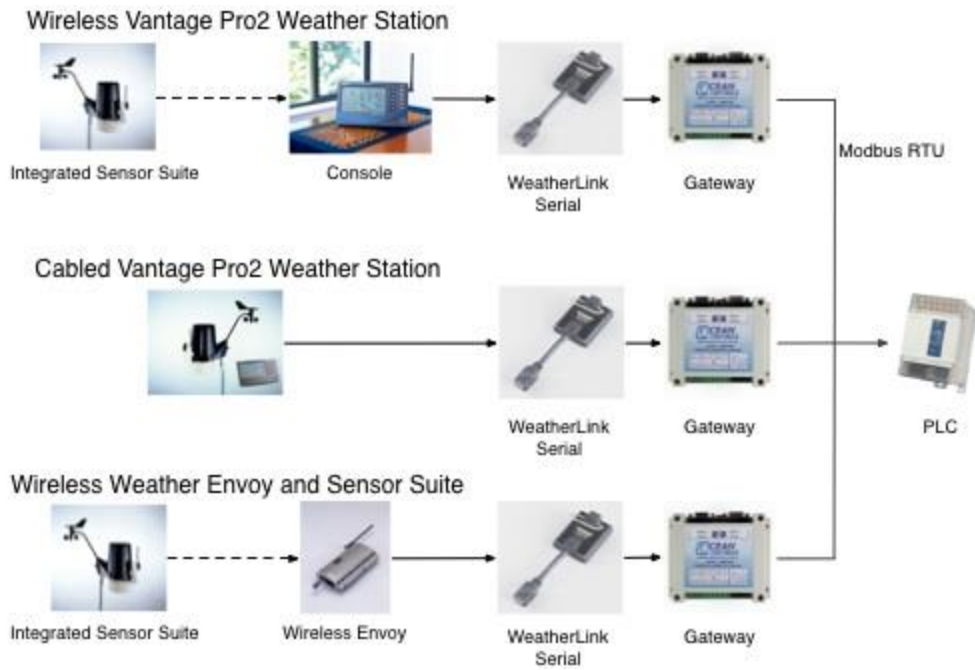
- [6152 Cabled Vantage Pro 2](#)
- [6162 Cabled Vantage Pro 2 Plus](#)
- [6152 Wireless Vantage Pro 2](#)
- [6162 Wireless Vantage Pro 2 Plus](#)
- 6153 Wireless Vantage Pro 2 Fan Aspirated
- 6163 Wireless Vantage Pro 2 Plus Fan Aspirated
- [6316 Wireless Weather Envoy](#) (with Wireless [ISS](#), [ISS Plus](#), ISS Solar Fan Aspirated or ISS Plus Solar Fan Aspirated)

The gateway plugs into the weather station's console using the Davis WeatherLink cable ([Weather Link for Vantage Pro Serial](#)) and appears on the Modbus network as a Modbus RTU slave. This allows your programmable controller to monitor and carry out actions based on wind speed, wind direction, temperature etc.

Features:

- Configurable metric conversion (V5.4)
- Connects to weather station via RS-232 Com Port 2, Baud rate 19200 bps
- Connects the Modbus RTU network via RS-232 or RS-485.
- Modbus slave address selectable from 1 to 16.
- Selectable Modbus RTU baud rate of 2400, 4800, 9600 or 19200 bps
- Selectable Modbus RTU parity none, odd, even
- Transfer readings:
 - Outdoor Temperature
 - Outdoor Humidity
 - Wind Speed
 - Wind Direction
 - Rainfall (Precipitation)
 - Barometric Pressure
 - Indoor Temperature (console)
 - Indoor Humidity (console)
 - Solar Radiation
 - Daily Rainfall
 - Weekly Rainfall
 - Monthly Rainfall
- Communications OK status register shows the communications between the weather station and gateway is OK
- The unit can be screwed to a panel or a clip allows mounting to a DIN rail.
- Enclosure Dimensions: 115 × 90 × 40 mm
- 8 to 28V DC powered; 100 mA

Example Configurations:



Documents: