



Ocean Controls KTA-382P Modbus RTU/TCP PoE Weather Station Gateway

Product Images



Short Description

The Ocean Controls KTA-382 combines the features of the previous KTA-282 and GWY-141 models. It connects a Davis Instruments Weather Station to a Modbus network, supporting both TCP and RTU protocols.

Description

The KTA-382 Modbus gateway enables easy connection of a PLC, RTU, or SCADA system by Modbus RTU or TCP to one of the following Davis weather stations:

- Cabled Vantage Pro 2
- Cabled Vantage Pro 2 Plus
- Wireless Vantage Pro 2
- Wireless Vantage Pro 2 Plus

The gateway connects to the weather station's console via the Davis WeatherLink cable (Weather Link for Vantage Pro Serial) and becomes part of the Modbus network as a Modbus TCP/IP or RTU slave. This enables your SCADA system or other Modbus devices on the network to monitor and take action based on data such as wind speed, wind direction, temperature, and more.

Also available: [KTA-382S non-PoE power version](#).

Additional Information

Brand	Ocean Controls
Explanation	• Power Supply: 12 to 36V DC • Power Consumption: 1.2W at 12V, 0.96W at 24V • Operating Temperature: 0 to 70°C • 2 x Alarm Outputs (Open Collector Outputs) • Protocol: - Modbus TCP/IP network via Ethernet. Can be polled by up to multiple Modbus masters simultaneously. - Modbus RTU over RS-485 can be pulled on Two independent serial ports. • Provides a webpage and PC application, whereby TCP and RTU settings can be easily configured. Also shows current settings, weather data, and communications statuses • This provides an additional 436 bytes of High/Low historical and current data. • Dimensions: 115L × 90W × 40H (mm) • Can be screwed to a panel, or DIN rail mounted.
Installation	The unit can be screwed to a panel, or mounted to DIN rail.

Additional Options

Davis Serial Interface	WeatherLink 2.0 Windows Software & Serial Port Data Logger
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