

## ULTRASONIC ULP

### SPECS SHEET

#### Power

3,3 -18 VDC

#### Measurement

##### Power consumption

(RS485) 0.25 mA at 38400 bauds, 1 Hz (5V)

(UART) 0.15 mA at 38400 bauds, 1 Hz (5V)

#### Wind information

##### Wind speed

Range: 0.5 - 45 m/s or 0.5 - 25 m/s (1.12 to 56 mph or 1.12 to 100 mph)

Accuracy: 0.1 m/s at 10 m/s ( 0.22 in. at 22 mph)

Threshold: 1 m/s (2.24 mph)

##### Wind direction

Range: 0- 359°

Accuracy: ±1° RMS at 10 m/s (22.37 mph)

**Baudrate** 2400 to 115200 (8n1) bauds

**Output rate** 0.1 to 10 Hz

**Output units** m/s, Knots or Km/h

**Sensors** Ultrasonic transducers (4x)



#### Dimensions

Diameter: 68 mm (2.68 inches)  
Height: 65 mm (2.55 inches)

#### Weight

Weight: 210 grams (7.4 oz.)

#### Environmental

##### IP Protection

IPX8

##### Temperature range

-15/55° C if no frost

#### Firmware Upgradable

#### Easy mount

3xM4 lateral female thread  
3xM4 inferior female thread

#### Data output

RS 485

-Autotransmit  
-POLL Telegram  
-MODBUS RTU

UART

- Autotransit  
-POLL Telegram

I2C

DAVIS compatible wind sensor

### Mounting accessories

Pole mount: up to 52 mm (2 in.)



Adapter to Poles up to 39 mm (1.5 in.)



Aluminum and Carbon Fiber



Flat mount



North mark position  
Make sure the north mark is perfectly aligned

