

ULP PRO SPECS SHEET



Power 3.3 -18 DCV

Power consumption

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

Wind information Apparent Wind speed
Wind direction

Wind speed

Range: 0.5-45m/s (1.12-100 mph)
Accuracy: ± 0.1 m/s at 10 m/s
(0.22 at 22.4 mph)

Wind direction

Range: 0 - 359°
Accuracy: $\pm 1^\circ$

Measurement

Baudrate 2400 to 115200 (8n1) bauds

Sample rate 1 Hz to 10 Hz (configurable)

Output units m/s, Knots or Km/h

Sensors Ultrasonic transducers (4x)

Material Machined aluminum

Dimensions Diameter: 68 mm (2.68 in.)
Height: 65 mm (2.56 in.)

Weight Weight: 200 grams (7.05 oz.)

Environmental

IP Protection IPX8
Temperature range -15/60° C if no frost

Firmware Upgradable

Easy mount 2xM3 lateral female tripod thread
UNC1/4"-20
3xM3 base female tripod thread
UNC1/4"-20 UNC1/4"-20

Data Output

RS485 (NMEA 0183) --- Poll
--- Stream

RS485 (MODBUS)
UART (NMEA 0183) --- Poll
--- Stream

I2C

