CALYPSO
instruments
calypsoinstruments.com

English version 2.5
27.06.2022

ULTRASONIC ULP
SPECS SHEET

Power 3,3 -18 VDC

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
Wind direction

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 at 22 mph)
Threshold: 1 m/s (2.24 mph)

Wind direcction
Range: 0- 359º
Accuracy: ±1º RMS at 10 m/s (22.37 mph)

Measurement

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
Temeperature range	-15/55º 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
SDI12	
DAVIS compatible wind sensor	

Mounting accessories

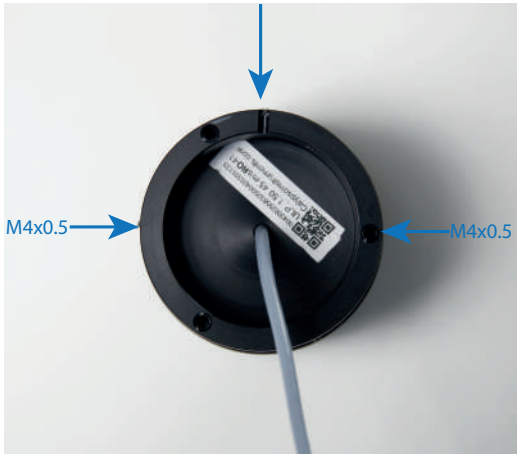
Pole mount: up to 52 mm (2 in.)

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



CALYPSO
instruments
calypsoinstruments.com

C/Alfonso Solans Serrano 20, local 12
50014, Zaragoza,
Spain
Telephone number: +34 876454853
e-mail: sales@calypsoinstruments.com
aftersales@calypsoinstruments.com