TITAN-130

Windstation indicator set

TITAN-130

The TITAN-130 is a wind speed and direction indicator. The wind speed is presented by an analog indicator. The read out of the wind speed is also presented digitally and can be set in m/sec or Beaufort. The OLED display provides wind direction information. The sensor of the TITAN-130 operates without moving parts, which makes it a reliable and durable product.
The TITAN-130 can display relative and absolute wind information without the use of an external GPS- system.

TITAN:

The Radio Zeeland DMP TITAN line is a completely new navigation line which combines proven techniques with the modern day technology. The TITAN line is based upon its predecessors, the Falcon and Sigma line and combines the analogue and digital techniques into an extremely versatile navigation line. The new TITAN line is suitable for the new build as well as the replacement market.

Sensors:

The TITAN-130 wind indicator operates with the P-130 smart solid state wind sensor. This sensor detects wind speed and direction ultrasonically without the use of moving parts, which makes it very durable.

Dimming:

The TITAN-130 display unit is fitted with a dimming system. This unit can be dimmed synchronized with the rest of the Radio Zeeland DMP displays.

Colored lighting:

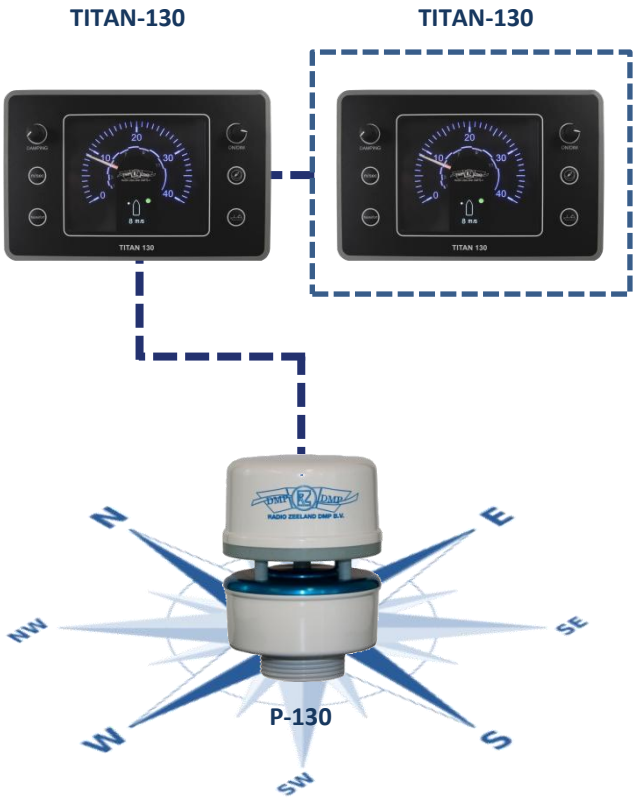
The scale of the TITAN-130 display unit is illuminated with LED- backlighting. The color of the lighting can be set to three different colors, Red, Yellow or Blue, creating a night view adjustable to personal preferences.

Wind speed:

An Analogue gauge with a Beaufort and m/s schale provides a quick overview of the current wind speed. Wind speed can be set to Beaufort or meters per second depending on personal desires, which will be shown digitally in the OLED display in the middle.

Wind direction:

With the TITAN-130 system the absolute or relative wind direction can be displayed with the touch of one button without the use of GPS.
The wind direction is displayed on the OLED display in the center of the gauge, creating an organized view of your wind data.



Technical specifications

Display unit housing specifications

Housing	Powder coated aluminum
Size	236 x 154 x 80 mm
Weight	Net weight 1,3kg
Protection	IP-50
Temprature	0 to + 55°C,
Humidity	0 to 90% non-condensing

Electrical specifications

Main power supply	18 – 36VDC fused @900mA self recovering
Backup power supply	18 – 36VDC fused @900mA self recovering
Amperage	< 1A (without repeaters)

Optical specifications

Wind speed	0 - 63m/s (also displayable in Beaufort)
Wind direction	0 - 360°
Dimming range	5 - 100%
Illumination color	Red / Blue / Yellow

Inputs

- NMEA in IEC 61162 (HDM or HDT or HDG and VTG)
-1x Ethernet port

Outputs

- External dimmer 15VDC PWM with a maximum of 150mA
- Repeater 0-1mA
- NMEA out IEC 61162 (WIMWV)
- 1x Ethernet port

P-130 Sensor specifications

- Supply voltage: 10-14V DC.
- Current consumption: less than 500mA.
- The P-130 wind sensor sends the following signals:
- Relative wind direction
- Relative wind speed
- True wind direction
- True wind speed
- Outside temperature
- Air pressure
- Groundspeed

Declaration of conformity

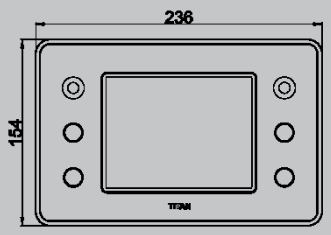
EN 60945 (IEC 945 Third edition: 1996-11) Chapters 9,10,11 and 12

Scope of supply

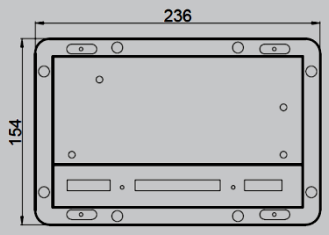
- The TITAN-130 Manual
- Display unit TITAN-130
- P-130 Smart solid state wind sensor
- P-130 Manual
- Assembly set

Product is subject to change without notice.

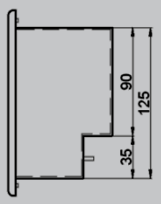
Dimensions in mm:



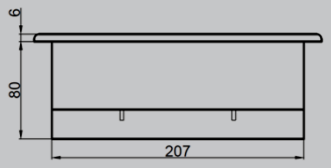
FRONT



BACK



SIDE



BOTTOM

P-130 Sensor