

**Skywatch BL400****Brand** :SKYWATCH**Type** :Weather station featuring Bluetooth® with wind, temperature, humidity and pressure**Dimensions** :Ø26 x 116 mm**Weight** :66 g

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**General data**

The Skywatch® BL400 is a complete weather station connected to your smartphone via Bluetooth® wireless technology. It measures accurately wind speed, temperature, humidity and pressure, and permits you to share your measurements on most popular social networks.

The Skywatch® BL400 is especially dedicated for all outdoor activities like sailing, kite surfing, paragliding, hiking and so on. It is also very usefull in professional activities, in agriculture and on construction sites, for example.

- Wind speed – wind direction
- Temperature – wind chill -heat index
- Humidity – dew point
- Pressure – altitude – QNH

Measured data can be stored and shared on Facebook, Twitter, Instagram or [bl.skywatch.ch](https://bl.skywatch.ch).

The user manual and FAQ are available on [bl.skywatch.ch/support](https://bl.skywatch.ch/support).

**Technical specifications****Wind**

- Units km/h, m/s, mph, fps, knots and Beaufort
- Resolution 0.1 unit
- Accuracy  $\pm 3\%$  /  $\pm 0.5$  km/h
- Measuring range from 3 to 150 km/h

**Temperature**

- Units °C and °F
- Resolution 0.1 unit
- Accuracy  $\pm 0.3$  °C
- Measuring range from -25 to +60 °C

**Humidity**

- Units %HR
- Resolution 0.1 unit
- Accuracy  $\pm 3$  %HR (10-90 %HR)
- Measuring range from 0 to 100 %HR

**Pressure**

- Units hPa, mbar and inHg
- Resolution 0.1 unit
- Accuracy  $\pm 0.2$  hPa
- Measuring range from 300 to 1200 hPa

**Functions**

- Instantaneous measurements
- Graphical display of measurements with instantaneous, minimum, maximum, average and complementary values
- Tracking mode with automatic recording of measurements and GPS coordinates
- Sharing of measurements on [Facebook](https://www.facebook.com/skywatchbl), [Twitter](https://twitter.com/skywatchbl), [Instagram](https://www.instagram.com/skywatchbl) and [www.skywatch-bl.com](https://www.skywatch-bl.com)
- Historic of own measurements
- Display of all measurements on a map

## Applications

- Android 4.4 and newer
  - iOS 8.4 and newer
  - Compatible Bluetooth v4.0 and newer. Use the standard [Environmental Sensing Profile \(ESP\)](#) and [Service Environmental Sensing \(ESS\)](#)
  - Languages: English, French
  - Online firmware of the device
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## Others

- Multidirectional propeller
  - Retractable sensors protection
  - low inertia of sensors
  - Indicators for Bluetooth connection status and battery level
  - Powered by rechargeable battery via micro USB, with charging indicator
  - Dimensions: Ø26 x 116 mm (closed, without clip)
  - Material: anodized aluminum
  - Weight: 66 g (without clip)
  - Protection class IP67
  - Using temperature: -20 to +50°C
  - Battery life: more than a week
  - Swiss official calibration
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## Content and packaging

- Device Skywatch BL
- Black wrist strap
- Metal storage box

In option:

- Metal clip