

Problems	Solution
No WI-FI connection	<ol style="list-style-type: none"> 1. Check the WI-FI icon on the display, it should be on if connectivity is successful. 2. Make sure the WI-FI settings (router's name, security type, password) are correct. 3. Make sure you connect to 2.4G band of the WI-FI router (5G not supported)
Data not reporting to ProWeatherLive	<ol style="list-style-type: none"> 1. Make sure the WI-FI connection of the console is good. 2. Ensure your Station ID and Station Key are correct.
Rainfall is not correct	<ol style="list-style-type: none"> 1. Make sure the rain collector is clean for the tipping bucket to tip smoothly. 2. Make sure the sensor has stable and level mounting to ensure correct tipping.
Temperature reading too high in the day time	<ol style="list-style-type: none"> 1. Place the sensor in open area and at least 1.5m off the ground. 2. Ensure that the sensor is placed away from heat generating sources or structures, such as buildings, pavement, walls or air conditioning units.
Some condensation beneath the UV sensor may occur overnight	This will disappear when temperature rises up under the sun and will not affect the performance of the unit.
Console display no response or malfunction	<p>You can follow the below step to fix:</p> <ol style="list-style-type: none"> 1. Remove the backup battery. 2. Unplug the DC power jack. 3. After 1 minute, plug the power jack again.

10. SPECIFICATIONS

10.1 CONSOLE

Dimensions (W x H x D)	240 x 140 x 21mm (9.4 x 5.5 x 0.8 in)
Weight	445g (without battery)
Main power	DC 5V, 1A adaptor
Backup battery	CR2032
Operating temperature range	-5°C ~ 50°C
Operating Humidity range	10~90% RH
Support sensors (optional)	<ul style="list-style-type: none"> - Up to 7 wireless thermo-hygro sensors - 1 wireless PM2.5 / PM10 sensor - 1 wireless HCHO / VOC sensor - 1 wireless CO₂ sensor - 1 wireless CO sensor
RF frequency (Depend on country version)	868Mhz (EU or UK version)

TIME RELATED FUNCTION SPECIFICATION

Time display	HH: MM
Hour format	12hr AM / PM or 24 hr
Date display	MM / DD, DD / MM or Year
Time synchronize method	Through PWL to get the local time of the console location
Weekday languages	EN / DE / FR / ES / IT / NL / RU

WI-FI COMMUNICATION SPECIFICATION

Standard	802.11 b/g/n
Operating frequency :	2.4GHz

SETUP APP	
APP name	WSLink
Support platform	Android smart phone or iOS (iPhone)
DASHBOARD APP	
Website	https://proweatherlive.net
APP name	ProWeatherLive
Support platform	Android smart phone or iOS (iPhone)
WUNDERGROUND	
Website	https://www.wunderground.com
WEATHERCLOUD	
Website	https://weathercloud.net
BAROMETER	
Barometer unit	hPa, inHg and mmHg
Accuracy	(700 ~ 1100hPa ± 5hPa) / (540 ~ 696hPa ± 8hPa) (20.67 ~ 32.48inHg ± 0.15inHg) / (15.95 ~ 20.55inHg ± 0.24inHg) (525 ~ 825mmHg ± 3.8mmHg) / (405 ~ 522mmHg ± 6mmHg) Typical at 25°C (77°F)
Resolution	1 hPa / inHg is 2 decimal place / mmHg is 1 decimal place
INDOOR TEMPERATURE	
Temperature unit	°C and °F
Accuracy	≤0°C ± 2°C (≤32°F ± 3.6°F) >0 °C ± 1°C (>32 °F ± 1.8°F)
Resolution	°C / °F (1 decimal place)
INDOOR HUMIDITY	
Humidity unit	%
Accuracy	1 ~ 9% RH ± 8% RH @ 25°C (77°F) 10 ~ 90% RH ± 5% RH @ 25°C (77°F) 91 ~ 99% RH ± 8% RH @ 25°C (77°F)
Resolution	1%
OUTDOOR TEMPERATURE	
Temperature unit	°C and °F
Weather index mode	Feels like, Wind Chill, Heat Index and Dew point
Feels like display range	-65 ~ 50°C
Dew point display range	-20 ~ 80°C
Heat index display range	26 ~ 50°C
Wind chill display range	-65 ~ 18°C (wind speed >4.8km/h)
Accuracy	0.1 ~ 60°C ± 0.4°C (32.2 ~ 140°F ± 0.7°F) -19.9 ~ 0°C ± 0.7°C (-3.8 ~ 32°F ± 1.3°F) -40 ~ -20°C ± 1°C (-40 ~ -4°F ± 1.8°F)
Resolution	°C / °F (1 decimal place)
OUTDOOR HUMIDITY	
Humidity unit	%
Accuracy	1 ~ 9% RH ± 5% RH @ 25°C (77°F) 10 ~ 90% RH ± 3.5% RH @ 25°C (77°F) 91 ~ 99% RH ± 5% RH @ 25°C (77°F)
Resolution	1%
WIND SPEED & DIRECTION	
Wind speed unit	mph, m/s, km/h and knots
Wind speed display range	0 ~ 112mph, 50m/s, 180km/h, 97knots

Resolution	mph, m/s, km/h and knots (1 decimal place)
Speed accuracy	< 5m/s: $\pm 0.8\text{m/s}$; > 5m/s: $\pm 10\%$ (whichever is greater)
Display mode	Gust / Average
Wind direction display mode	16 directions or 360 degree

RAIN

Unit for rainfall	mm and in
Unit for rain rate	mm/h and in/h
Accuracy	$\pm 7\%$ or 1 tip
Range	0 ~ 19999mm (0 ~ 787.3 in)
Resolution	0.254mm (3 decimal place in mm)
Rain display mode	Rate / Hourly / Daily / Weekly / Monthly / Total rainfall

UV INDEX

Display range	0 ~ 16
Resolution	1 decimal place

LIGHT INTENSITY

Light intensity unit	Klux, Kfc and W/m^2
Display range	0 ~ 200Klux
Resolution	Klux, Kfc and W/m^2 (2 decimal place)

* Accuracy depend on 7-in-1 sensor data.

10.2 WIRELESS 7-IN-1 SENSOR

Dimensions (W x H x D)	390 x 231 x 165 mm (15.4 x 9.1 x 6.5in) (not include pole and stand)
Weight	599g (not include batteries, pole and stand)
Backup power	3 x AA size 1.5V batteries (Non-rechargeable Lithium batteries recommended)
Weather data	Temperature, Humidity, Wind speed, Wind direction, Rainfall, UV and light intensity
RF frequency	868MHz (EU or UK)
RF transmission range	150m (492 feet) straight distance
Transmission interval	12 seconds
Operating temperature range	-40 ~ 60°C (-40 ~ 140°F)
Operating humidity range	RH 1% to 99 % non-condensing

DISPOSAL

Dispose of the packaging materials properly, according to their type, such as paper or cardboard. Contact your local waste-disposal service or environmental authority for information on the proper disposal.



Do not dispose of electronic devices in the household garbage!

As per Directive 2012/19/EC of the European Parliament on waste electrical and electronic equipment and its adaptation into German law, used electronic devices must be collected separately and recycled in an environmentally friendly manner.



In accordance with the regulations concerning batteries and rechargeable batteries, disposing of them in the normal household waste is explicitly forbidden. Please make sure to dispose of your used batteries as required by law — at a local collection point or in the retail market. Disposal in domestic waste violates the Battery Directive. Batteries that contain toxins are marked with a sign and a chemical symbol. "Cd" = cadmium, "Hg" = mercury, "Pb" = lead.

CE DECLARATION OF CONFORMITY

Hereby, Bresser GmbH declares that the equipment type with part number: 7003700 is in compliance with Directive: 2014/53/EU. The full text of the CE declaration of conformity is available at the following internet address: http://www.bresser.de/download/7003700/CE/7003700_CE.pdf