



PIXWeather quick installation guide

Congratulations with your new PIXWeather station !

This is a quick installation guide for PIXWeather stations.

Please do not hesitate to contact PIXWeather support at any time on any question, issue or problem.

Turning the station on:

1. The station is ready, but battery unplugged
2. Loosen the 4 screws around the solar panel.
The screws will not fall out after losing, they stay in the lid.



3. Please note the orientation of the solar panel it should be installed the same way. It should be impossible to have it orientated wrongly, as there is a tab in bottom right corner to secure the orientation.

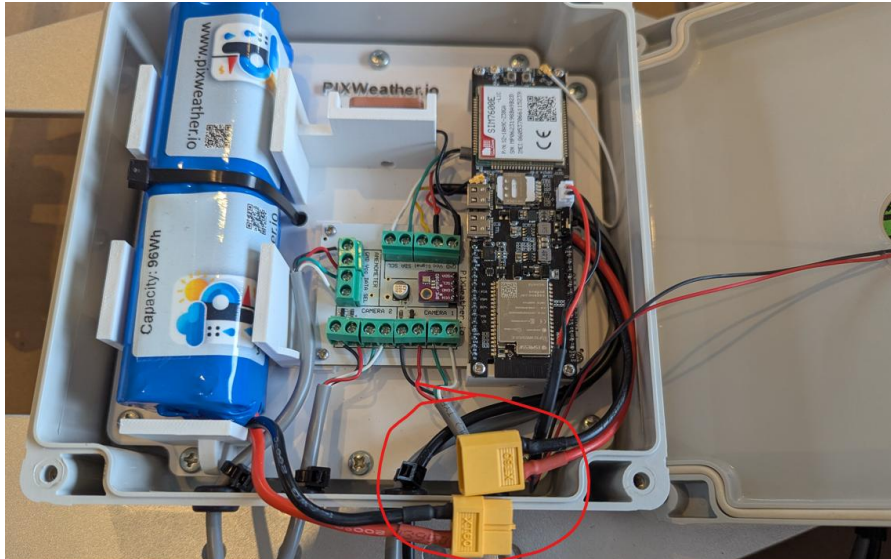


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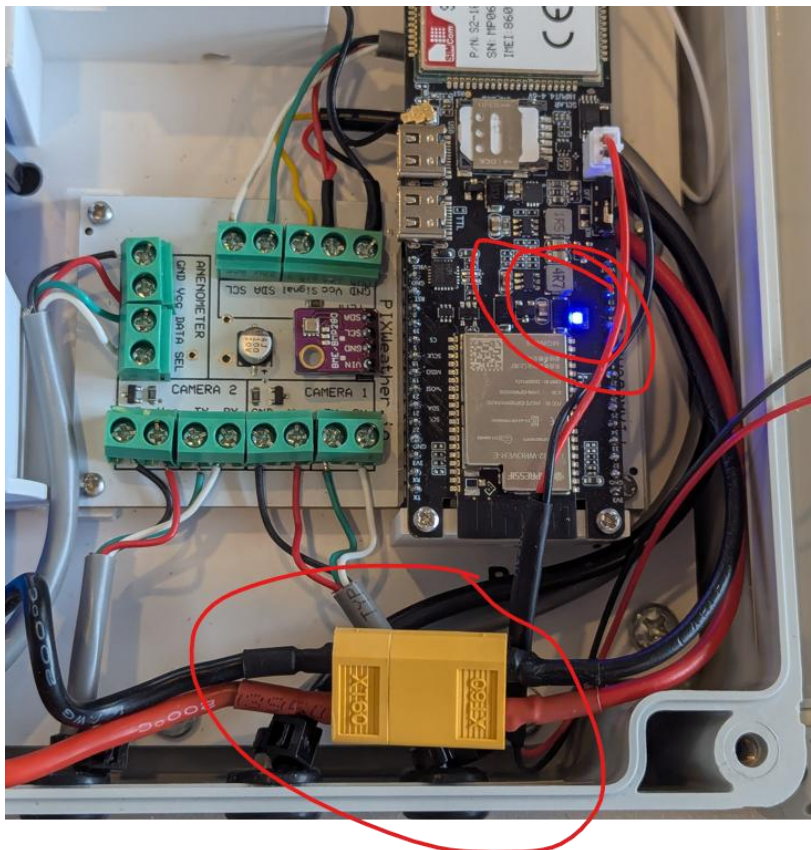
4. Open carefully the lid with the solar panel and be careful not to damage the solar charging wires.

The wires go from the solar panel to the station board.

Be extra careful not to damage the wires and make sure they are not cut when closing the panel again.



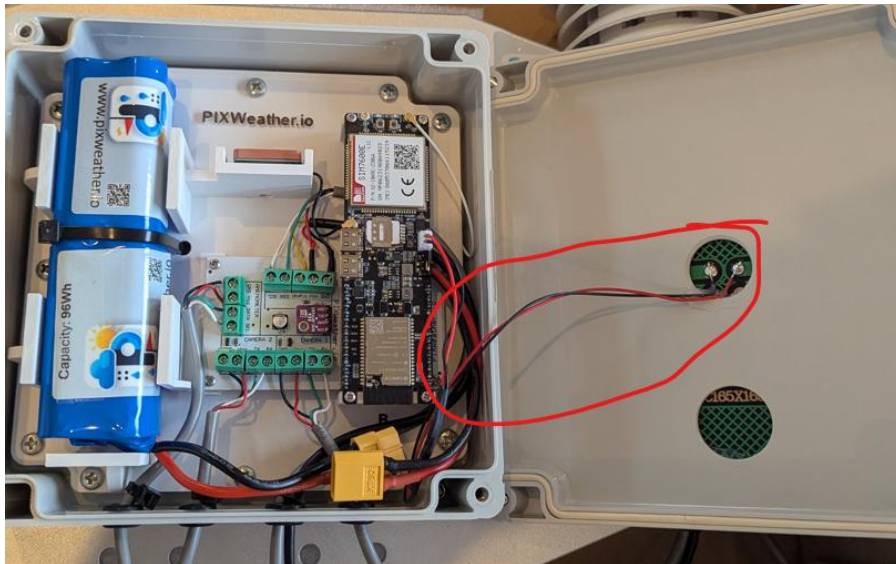
5. The battery pack connector and station board connectors are just plugged together, not possible to do it incorrectly. Just push it firmly together and that's it. When connection has been made, the BLUE led turns on, showing the station is on and all is OK.





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6. Then carefully set the lid with the solar panel in its place again:
 - Be very careful having the solar panel wires not clamped in between the lid and the box, it will damage the wires and station will not charge its battery.
 - Be very careful on the orientation of the lid, the sticker on the side shows clearly the orientation of the lid.



7. When the station is on, it starts to record weather data and send every 10 minutes. It also starts taking photos depending on the daylight/environment light and battery status, from no photos to every 30 minutes down to every 10 minutes.

Installing the station preferably on metal pole:

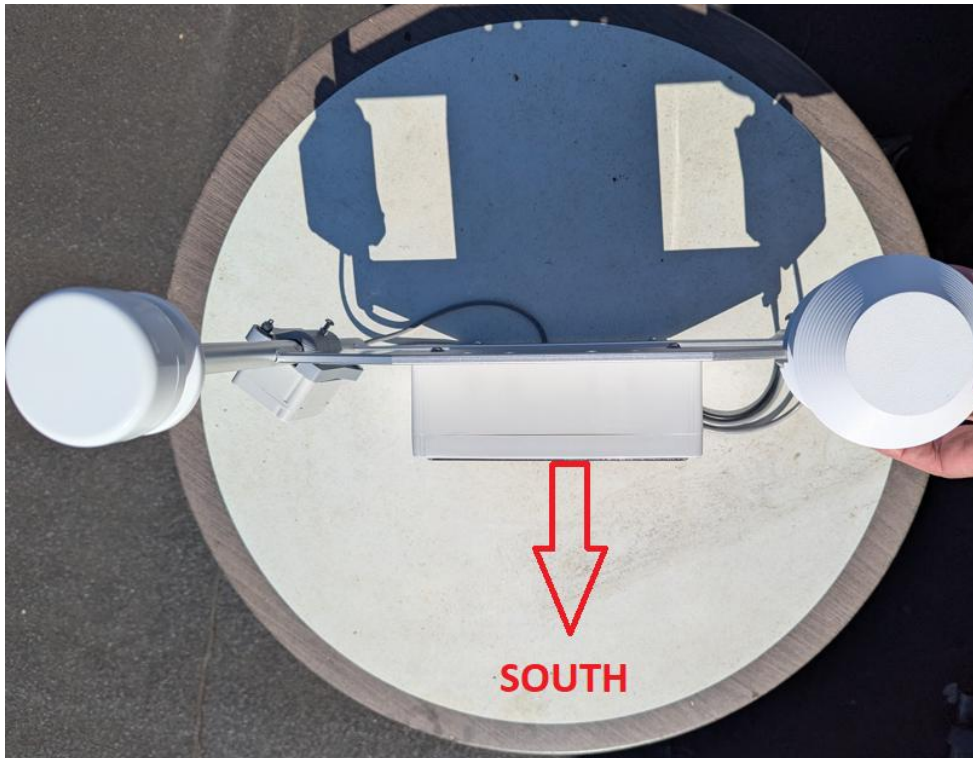
1. Mount the station using the two U-Brackets for metal pole mounting.
Note: the clamps work even the pole is small in diameter, it still will hold the station properly in place.
Note: Pole should be as vertical as possible for proper orientation of solarpanel, cameras and wind sensor.





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2. The station Solar panel must be facing South direction. With that the wind sensor also points to the North.



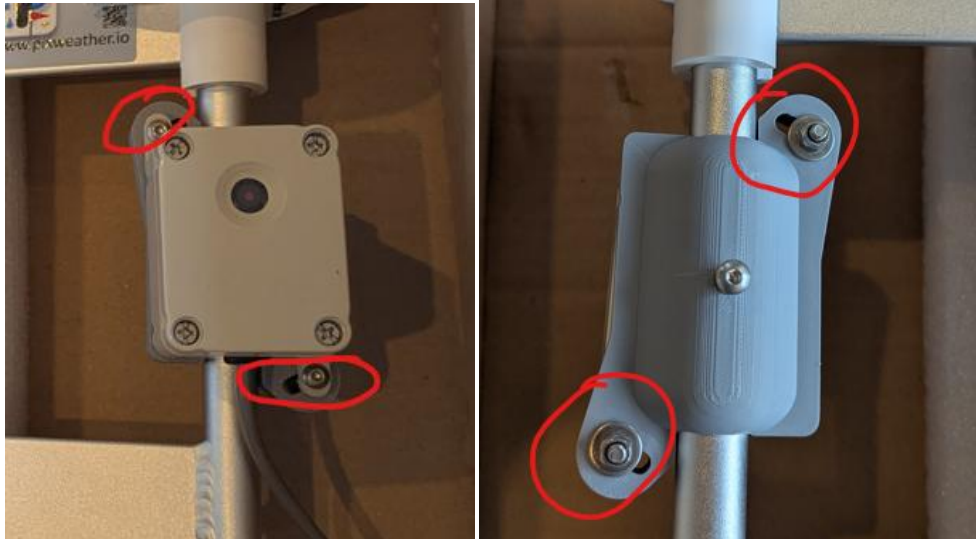
3. Rotate each camera to the direction wanted. It is usually properly stiff fixed by the screw on the back to be able to rotate by hand but still stiff enough not to rotate even in strong weather.





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4. When photos start to show, it should be looked at if the cameras are level, so the horizon is horizontal. If not, the camera box can be rotated by hand, without loosening the screws or fasten again after the rotation. They should stay in position even in strong weather.



5. For flying it is usually preferable to see mountains and landmarks that can show the cloudbase if cloudy. Also if there is a windsock, it would be helpful to have the windsock in the camera direction.

Station enabled:

1. The PIXWeather support manually enables the stations, to show in the PIXWeather app. Please send notification to ag@pixweather.io when you want it enabled and some information on the installed location will be entered as part of the station information. At the moment it is managed by PIXWeather support, but will soon be accessible in the PIXWeather app for each station owner.
2. If weather info are to be sent to Windy.com, let PIXWeather support know (ag@pixweather.io)
3. If photos are to be shared with Windy.com, notify PIXWeather support and it will be done.
Please note windy.com share the photos with many other websites.
4. If direct access to photos (like show on website) ask PIXWeather support for links to the latest photos. Same applies for access to weather data.

For any questions, issues or problems do not hesitate to contact PIXWeather Support at ag@pixweather.io