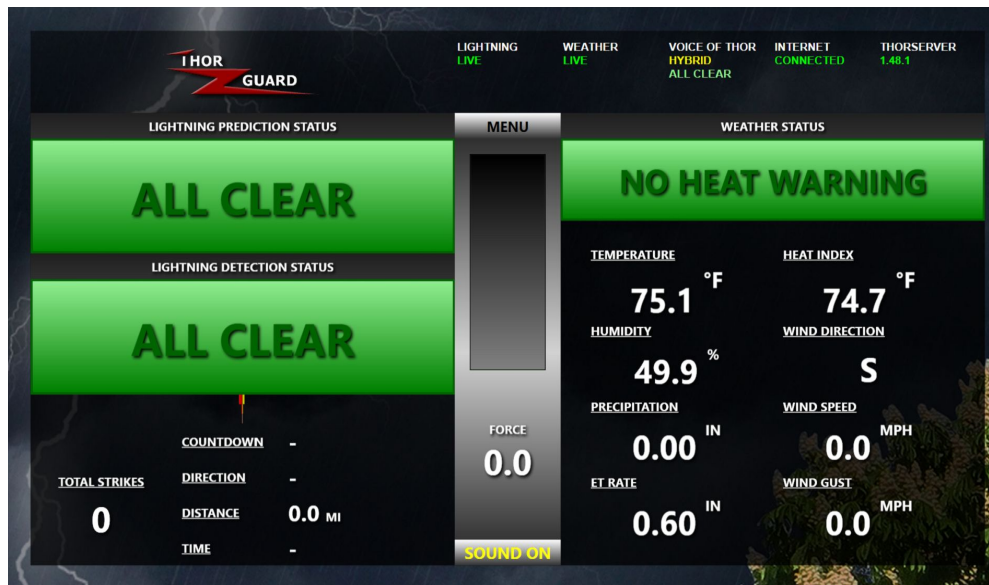


THE BEST LIGHTNING PREDICTION AND DETECTION - COMBINED!



Many state schools and colleges / universities mandate outdated lightning detection protocols for outdoor events. These rules, initially developed by the NCAA, require a facility to stop outdoor activities after lightning strikes eight or ten miles from their location. The lightning data accessed for safety more often than not comes from detection networks that are delayed and inaccurate. These detection networks are severely limited for safety because they can't predict a first, side or back strike that emerges from a storm outside their detection radius. In effect, schools are being forced to utilize a so-called safety platform that overlooks the thirty percent of lightning strikes that injure or kill. All other storm-related warnings, or forecasts, are issued from some distant NOAA facility. Not on-site!

An included feature of the TG 360 prediction system is what we call the TG 360 hybrid mode. This setting takes the detection mandate and improves it greatly by providing instantaneous lightning detection from your site, updated in less than one-third of a second. If lightning is detected within your set distance of eight or ten miles, the alert horns and strobes will activate. No delays and fast, accurate detection.

The TG 360 hybrid greatly improves the safety of the old protocols by including lightning prediction as well. Here is how this works. If lightning is detected in your alert range, the alert will sound. If, however, a strike is predicted to hit your immediate area before it happens, and there is no detected lightning in your detection range, Thor Guard will sound an alert. This feature provides you with the mandated detection protocols to operate within your guidelines, but at a significantly safer level of operation. In addition, the TG 360 hybrid will also warn of severe storms and tornadoes generated by the TG 360.

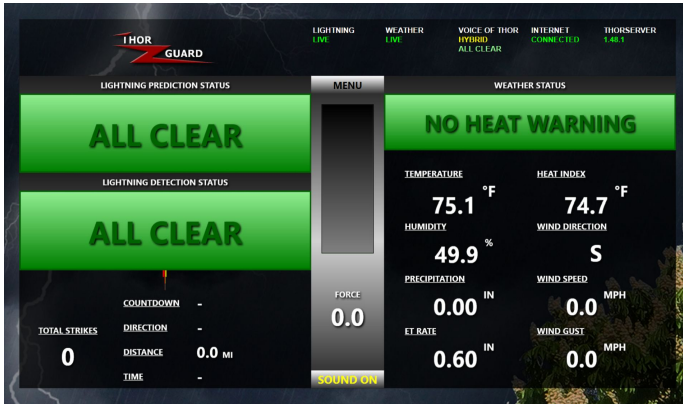
After a storm has passed, the NCAA protocol requires you to wait thirty minutes after the last lightning strike is detected in your alert range. There are no scientific studies validating this waiting dictate. In fact, this mandate is no better than a guess.

The TG 360 hybrid is different. If you were to choose the hybrid feature, the system would still make you wait for the All Clear to be issued after the thirty-minute waiting period. However, the system will simultaneously show when the prediction status indicates a safe, lightning-free Environment.

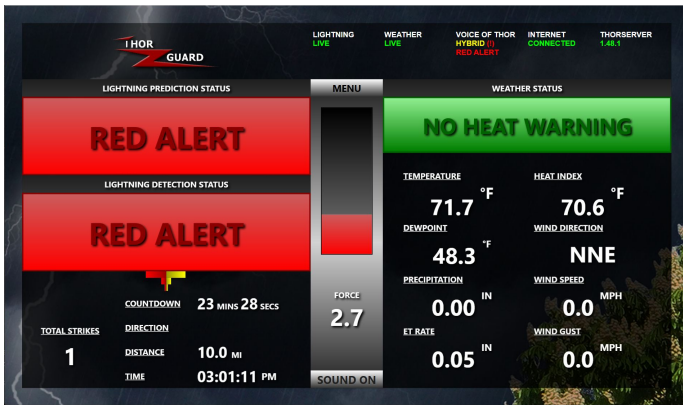
Thor Guard will always innovate to make any outdoor area a safer place to play and work.



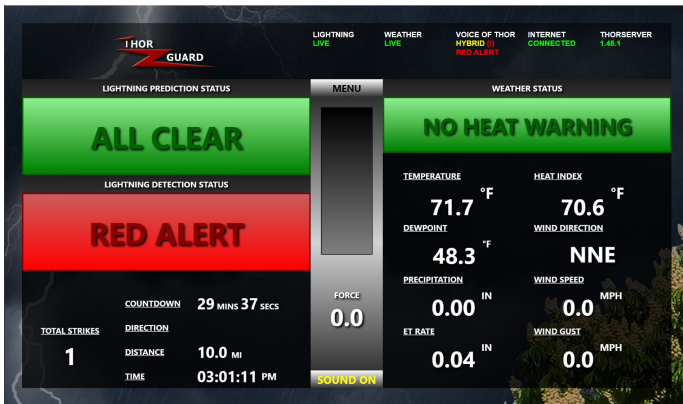
THOR GUARD TG 360 HYBRID



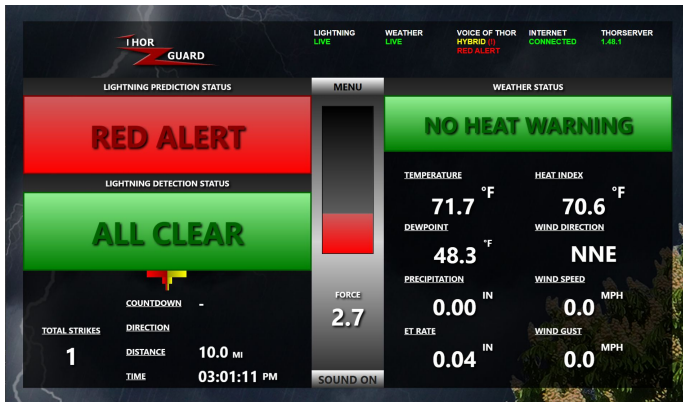
This image is an example of both the lightning prediction status and the detection status in agreement on the ThorServer Hybrid display.



This image is an example providing an advisory showing the lightning prediction status and lightning detection status in agreement. The Hybrid display also shows the All Clear Countdown Timer, based on the detection protocol, is 23 minutes and 28 seconds, providing no more strikes are detected.



This image shows a strike was detected 10 miles away from the sensor with the prediction status seeing no energy capable of developing a local strike (Force 0.0). Assuming there are no more detection strikes within the 10 mile detection range, the All Clear will be issued in 29 minutes, 39 seconds. This is an unnecessary delay!



This image shows a dangerous situation where lightning is being predicted. The detection countdown has reached zero, but there is a large accumulation of energy in the immediate area capable of producing a back strike. The all clear horns have not sounded yet, but the facility will need to decide if it is actually safe to resume outdoor activities.