



Technical Specification Sheet

OnGuard Siren Alerting Solution

The OnGuard Siren Alerting solution supports safer operations by quickly notifying people in your care of lightning, severe thunderstorm, and tornado threats with its powerful, hands-free on-site alerts. It also helps you more easily identify situations that require fast decisions and immediate evacuation. This solution works with our WeatherSentry® decision support and alerting tool.

DTN^o

What are the product components?

Each OnGuard Siren solutions comes with:

- OnGuard Siren assembly, including three sirens, a beacon, and a siren box
- OnGuard Siren interface box that connects to the siren and controller boxes
- Power cable from Siren assembly to interface box
- OnGuard Siren control box, including 12 ft, three prong, 120v power cable
- 8 ft powder-coated pole, pre-drilled for non-penetrating roof mount (*sold separately*)
- Non-penetrating roof mount for easy installation (*sold separately*)

Product specifications

Siren assembly weight & dimensions

- Height: 30 in (762 mm)
- Width: 29 in (736.6 mm)
- Depth: 32 in (812.8 mm)
- Weight: 47 lb (21.3188 kg)

OnGuard Siren control box

- Height: 14 in (355.6 mm)
- Width: 19 in (482.6 mm)
- Depth: 24 in (609.6 mm)
- Weight: 46 lb (20.8652 kg)

OnGuard Siren interface box

- Height: 8 in (203.2 mm)
- Width: 8 in (203.2 mm)
- Depth: 10 in (254 mm)
- Weight: 5 lb (2.26796 kg)

How does the product work?

- The OnGuard Siren hardware includes three directional sirens and a multi-color, omni-directional beacon built on a bracket that can be mounted on standard pole (2 3/8 in diameter.)
- The OnGuard Siren system is completely integrated into WeatherSentry alerts through the OnGuard control box that activates the OnGuard Siren and beacon for a preset amount of time.
- Siren alerts and quiet periods can be set up in WeatherSentry.
- OnGuard Sirens can be activated for the specific locations you set up. Multiple sirens can be triggered off of one location to ensure all units trigger simultaneously. Or, you can run each siren independently, depending on your configuration.
- Alerts can be activated for the following triggers:
 - Lightning – advisory, caution, and warning ranges, as well as an all-clear notice.
 - Community and county-based National Weather Service severe thunderstorm and tornado warnings.
- These alerts will activate the system's beacon and sirens for a set amount of time to notify everyone in the immediate area of a dangerous situation.
- OnGuard Siren lightning alerts are based on the DTN global lightning network, which minimizes false alarms.

What are the system requirements?

- One or more OnGuard Siren alerting units
- A WeatherSentry subscription
- Google Chrome, Firefox, or Safari web browser to access WeatherSentry and configure your OnGuard Siren settings within WeatherSentry

What are its cellular specifications?

- Each OnGuard Siren control box comes with a pre-configured cell module requiring no additional charges.
- Region: Global coverage

EU version

- Penta-band LTE Cat 1: Bands 1, 3, 8, 20, 28 (700, 800, 900, 1800, 2100 MHz)
- Dual-band UMTS/HSPA+: Bands 8, 1 (900, 2100 MHz)
- Dual-band GSM 900 and 1800 MHz

U.S. version (AT&T certified)

- Quad-band LTE Cat 1: Bands 2, 4, 5, 12 (700, 850, 1700/2100 (AWS), and 1900 MHz)
- Tri-band UMTS: Bands 5, 4, 2 (WCDMA/FDD 850, 1700/2100 (AWS), and 1900 MHz)

AU version

- Quad-band LTE Cat 1: Bands 3, 5, 8, 28 (1800, 850, 900, 700 MHz)
- Tri-band UMTS: Bands 1, 5, 8 (WCDMA/FDD 2100, 850, 900 MHz)

What are the power requirements to support the OnGuard Siren?

- Each siren comes with a 12 ft standard, three-prong, 120v power cord
- No special power requirements are necessary



OnGuard Siren
Alerting Unit

What are the environmental ranges for OnGuard Sirens?

- Operating ambient temperature: -4° to 131° F (-20° to 55° C)
- Charging ambient temperature: 32° to 95° F (0° to 35° C)
- Relative humidity: 5 – 100%

What are the key product features?

- It utilizes our patented WeatherSentry alerting system.
- It is powered by the best, most accurate lightning networks available.
- It provides site-specific alerting focused on your location(s) of concern.
- Its audio and visual alerts ensure people within a reasonable distance will know there is an approaching threat of severe weather.
- Ensures that even those without a computer or mobile device in hand will be alerted.

With the OnGuard Siren Alerting solution, you can confidently decide when to stop your event or operations and evacuate people to a safe location.