



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.

Primary product components

Each OnGuard Siren solution comes with:

- OnGuard Siren assembly, including 3 sirens, 2 or 3 beacons, and a connector for the siren and beacon cables
- OnGuard Siren interface box that connects to the siren and controller boxes
- Power cable from OnGuard Siren assembly to interface box
- ObsConnect box, including 12 ft, 3-prong, 120v power cable (unless a solar solution)
- 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

OnGuard Siren assembly

- 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 individual 2 or 3 beacons built on a bracket that can be mounted on standard pole (2 3/8 in diameter)
- The system is completely integrated into WeatherSentry alerts through the OnGuard control box that activates the 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 from one location to ensure all units trigger simultaneously. Or, you can run each siren independently, depending on your configuration.
- Solar powered option available for those locations without easily accessible power
- 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
- Lightning alerts are based on the DTN global lightning network which helps minimize false alarms

System requirements

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

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)

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

Power requirements

- Each siren comes with a 12 ft standard, 3-prong, 120v power cord
- No special power requirements are necessary

Environmental ranges

- 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%

Key product features

The OnGuard Siren Alerting Solution:

- Utilizes our patented WeatherSentry alerting system
- Is powered by the best, most accurate lightning networks available
- Provides site-specific alerting focused on your location(s) of concern
- Includes audio and visual alerts that 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

**Ensure the safety of your team.
Reach out today to find out more.**

www.dtn.com/onguard

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