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 onsite 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.

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What are the product components?

The solution includes the following items:

- Cabinet
- Siren assembly
- Conduit
- Pole
- Cabinet mounting hardware

Product specifications

Siren assembly weight & dimensions

- Height: 8.5 in (215.9 mm)
- Width: 11.0 in (279.4 mm)
- Depth: 8.0 in (203.2 mm)
- Weight: 4.09 lb (1.86 kg)

Cabinet weight & dimensions

- Height: 15.5 in (393.7 mm)
- Width: 13.5 in (342.9 mm)
- Depth: 6.25 in (158.75 mm)
- Weight: 11 lb (4.99 kg)

Conduit weight & dimensions

- Length: 50.25 in (1276.35 mm)
- Width: 0.5 in (12.7 mm)

How does the product work?

- The siren hardware includes three directional sirens and a multi-color, omni-directional beacon mounted on a pole or tripod.
- The sirens and beacon tie into WeatherSentry alerts through a universal smart controller that activates the OnGuard system alerts for a preset amount of time.
- Siren alerts and quiet periods can be set up in WeatherSentry.
- Sirens can be activated for the specific locations you set up.
- 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.

What are the system requirements?

- One or more OnGuard Siren Alerting units (purchased or leased)
- A WeatherSentry subscription
- A Google Chrome, Firefox, or Safari web browser

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What are its cellular specifications?

- Region: Global
- LTE Cat-1 Multi-band module
- LTE Bands: 1, 2, 3, 4, 5, 7, 8, 12 (17), 18, 19, 20, 28
- 3G Bands: 1, 2, 4, 5, 8, 9, 19
- 2G Bands: Quad band

How much power do I require to use the product on ground?

- 120 volts AC

What are its environmental requirements?

- Operating ambient temperature: -4° to 131° F (-20° to 55° C)
- Charging ambient temperature[1,2]: 32° to 95° F (0° to 35° C)
- Relative humidity[2]: 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.
- Ensures that even those without a computer or mobile device in hand will be alerted.

OnGuard Siren Alerting Unit

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

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