

**IFLASHALERT**  
**Ref. 80 319**

**THUNDERSTORM DETECTOR**

**In accordance with NF EN 50536:2011 standard**

The **I FLASH ALERT®** device enables:

- To improve the security of human lives, with a lightning risk warning of at least 15 minutes.
- To analyse the exposition risk of the site, and to check if the existing protection systems are adapted.
- An optional interface for follow-up and customised advice from France Paratonnerres.
- An easy installation, and an interferences filtering.



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## CHARACTERISTICS

| Reference                     | 80 319  |   |
|-------------------------------|---|---|
|                               | Processing Unit                                   | Antenna                                   |
| Dimensions (mm)               | 38 x 130 x 214                                    | 130 x 170 x 190                           |
| Weight (g)                    | 250   | 960                                       |
| Protection Index              | IP 20   | IP 66                                     |
| Connection Kit / Power supply | Universal adapter<br>90-264 VAC, 50/60 Hz / 24VDC | Shielded cable - 15m<br>Connector - SubD9 |
| Electrical Consumption        | 110 mA  |   |
| Detection radius              | 15 km   |   |
| Operating temperature         | -20°C à +60°C                                     |   |
| Standard                      | NF EN 50536                                       |   |

The **I FLASH ALERT®** is an electromagnetic thunderstorm activity detector. It enables the detection of electromagnetic field generated by lightnings, within a 15 km radius from its bidirectional antenna.

The **I FLASH ALERT®** antenna is connected to a processing unit, which provides thunderstorm alerts while a thunderstorm is nearing the installation site. It enables:

1. To ensure, with a bargraph, an information report on the approach and thunderstorm intensity activity.
2. To measure the thunderstorm presence on site.
3. To alert, with a visual and sound signal, about the need to initiate a safety procedure for the site (adaptable settings).
4. To ensure a vigilance during and after the thunderstorm, and an "all clear" signal.
5. To count and memorize the lightning events on the site.
6. To reset.

