



»» **REMOTE MONITORING SYSTEM**

  
**storm 1**

## » CMCE REMOTE MONITORING STORM 7

It is a device that works together with the CMCE, capable of monitoring the electric field in real time in the protection area, with this information it is possible to control the performance of the CMCE and verify the atmospheric activity. The Storm 7 is designed to be used in any location, be it houses, buildings, mountains, ships, industrial plants, among others. Apart from monitoring the electric field, it also has the functionality to measure Temperature, Atmospheric Pressure, Relative Humidity accurately in addition to measuring Altitude and Electrical Pulses (lightning) these data are referential.



## » FUNCTIONING

The Storm 7 system integrates four basic components: sensors/devices, connectivity, data processing, and a user interface. The sensors collect data from the environment where the CMCE is installed. Connectivity allows data to be sent to the cloud system, this can be via Ethernet, WiFi or mobile connectivity. Once these data are received, they are processed, validated and stored in a database. The user can view the data in the form of graphs and make queries about the historical data of interest through the web interface. The equipment can be powered with 110/240 VAC - 12/24VDC, in addition to having the option of powering with solar panels (optional) this can be provided by the company or purchased directly by the customer.

## » ALERTS AND OTHER NOTIFICATIONS

There will be relevant notifications regarding the state of the weather, the operation of the device, disconnection alerts or low drainage of the CMCE to carry out revisions in the installation.

- Drain record
- Recording of Temperature, Pressure, Humidity and Altitude
- PEM Records (electromagnetic pulse)



## » INSTALLATION

It is easy to install: it is mounted on a fixed part of the structure protected by the CMCE, passing the down conductor through the Storm7, thus registering and taking readings in real time.

