



Short Range Systems

EFM-100 Electric Field Mill



Standard Pole Mount installation

Shown with optional 2 Foot Tripod

Operation

The EFM-100 Electric Field Mill short-range sensor (<20 miles/32 km) constantly monitors for lightning and activates graphical display alerts on a computer or laptop when lightning is detected. There are two high electric field alarms, and lightning distance ranges that are completely customizable to alert you when there is nearby lightning. The software will also reset back to a green All Clear state when no lightning has been detected within the configured time period and when the electric field levels fall below their set levels.

Electric Field Monitor Software

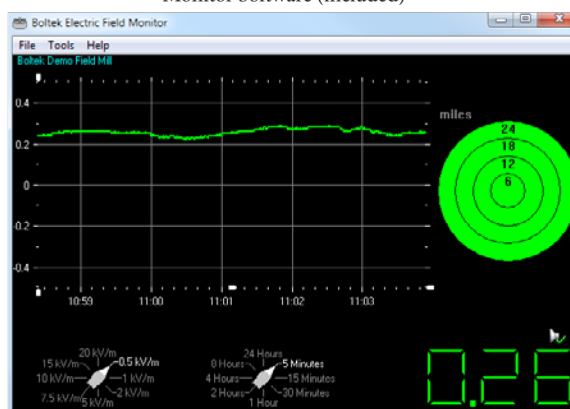
The EFM-100 Electric Field Monitor software (included) displays a real time graph of electrical field in the atmosphere, as well as the lightning strike distances up to 24 miles/38km away. Distance ranges are completely customizable as well as the high field alarm ranges to allow for a wide variety of setups and operating procedures. Data sharing option in the software allows remote access to data either through the internet or a local network.

Setup

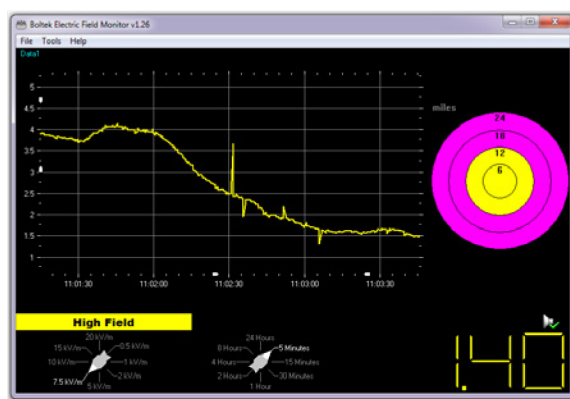
The EFM-100 is best suited for installations when it is placed away from high foot traffic areas, and placed 2 to 3 feet above the ground or a roof. With the inverted kit, it comes with either a pole mount option or a tripod for quick and easy setup as well as an inverted mounting kit to greatly reduce the number of false strikes during precipitation.

- ✓ Field proven with systems installed for over 10 years
- ✓ High Accuracy 24 miles / 38 km range for local activity
- ✓ 2 High Field alarm levels (Red and Yellow)
- ✓ All Clear display (Green)
- ✓ Fully configurable Alarm distances, durations and High Electric field levels
- ✓ Display up to four electric field mills simultaneously
- ✓ Text messaging and email alert notification capability
- ✓ Network data sharing for remote viewing
- ✓ EFM-100 Monitor software shows current alarm state and electrical field level in real time
- ✓ USB or RS232 adapter for optically isolated data output
- ✓ Optional RS-485 output for transmitting status messages to other equipment and/or to a distant Status Monitor computer
- ✓ Daily data and log files for historical viewing
- ✓ Optional Relay Output Module for activating external equipment

EFM-100 Electric Field Monitor Software (included)



All Clear status



Lightning and high field alarm active



BOLTEK

Long Range System

Lightning Detection Systems



LD-250 Lightning Detector

Live Map Displays Storm Location

The Boltek LD-250 Lightning Detector puts a live lightning map on your laptop or desktop computer. Within milliseconds of a lightning strike the detector beeps and your computer displays the strike location.



Warns of Close and Severe Storms

The LD-250 can warn of both close and severe thunderstorms. If a storm is detected closer than a preset distance or the strike rate exceeds a preset limit, the LD-250 sounds its internal alarm and activates the computer's alarm tone or WAV file notification.



Optional
ENC-1 Outdoor Sensor Enclosure



Connects Easily to Your Computer

The LD-250 connects to your computer's USB or RS232 (COM) port making it suitable for use with both laptop and desktop computers. The LD-250 will even detect lightning when your computer is turned off. When the LD-250 starts beeping or the Strike light starts flashing you can turn on your computer to see where the storms are located.