Strike Guard®
LIGHTNING WARNING SYSTEM

Strike Guard employs state-of-the-art technology to address the most demanding lightning safety and equipment protection applications.

Designed for critical industrial applications, Strike Guard monitors cloud and cloud-to-ground lightning within a user-set range and provides contact-closure signaling at user-set lightning activity thresholds. Patented optical signal processing and proprietary optical-coincidence technology prevent false alarms.

Strike Guard Sensor data are communicated via lightning-proof fiber-optic cable to an independent Lightning Data Receiver with system status, caution and alarm indicators, relays, and computer compatible output.

STRIKE GUARD DELIVERS:

- Fully automatic alarm triggering with user-set range categories
- 20 mile detection range
- No false alarms! Patented technology
- Sensor and communication self-test
- Sensor is battery powered for easy installation
- Durable fiber-optic communication with connector-less technology
- Lightning-proof data communication
- NEMA 4X Sensor enclosure
- Lightning Data Receiver with battery-back up
- Optional Strike View display software for expanded data viewing and analysis
- Strike View Simulator Software for training and testing
- Fully automatic WAVE Siren activation available for lightning alarm and all-clear notification

The proven and patented technology in Strike Guard provides significant improvement over first-generation lightning sensors. Strike Guard enables automated initiation of lightning evacuation plans, data back-up, generator activation, and equipment shutdown procedures with utmost confidence.

LIGHTNING DATA RECEIVER SPECIFICATIONS:

INSTALLATION: Wall-mountable with size 10 screws.
ENCLOSURE: Type 304 stainless steel.
BATTERY: User-replaceable alkaline C-cells. Low battery indicator.
COMMUNICATION: Connector-less fiber-optic link for Sensor input and output to computer. Integral Sensor data repeater.
EXTERNAL CONTROL: 2 relays, single pole, double throw. 1 A at 120 VAC, UL, CSA approved.
LIGHTNING ALARM RANGE SETTINGS: <5 miles, <10 miles or <20 miles.
SETTINGS: Lightning alarm range, alarm timeout, and lightning counts for contact-closure signaling.
AUDIBLE NOTIFICATION: Alarm Mode, Lightning Flash.
EXTERNAL POWER: In-line switching power supply. Input 100-240 VAC, 50/60 Hz. UL, VDE, FCC, CSA, CE.

SENSOR SPECIFICATIONS:

INSTALLATION: Materials and hardware included for roof-mount.
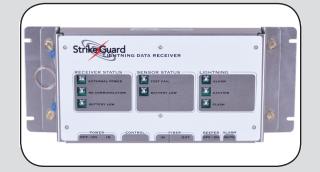SITE REQUIREMENTS: Minimal siting restrictions.
ENCLOSURE: NEMA 4X
COMMUNICATION: PMMA fiber-optic, 100 ft cable included.
BATTERY: Lithium primary cells, 4-year life minimum.

STRIKE VIEW SOFTWARE SPECIFICATIONS:

COMPUTER REQUIREMENTS: 256MB; Pentium III or higher recommended
PLATFORM: Microsoft Windows® 2000/XP/Vista/ Windows® 7 OR Macintosh OSX
INTERFACE: Strike Guard RS-232 to Fiber-optic Converter to PC's 9-pin serial or USB port
FORMAT: Installation CD or thumb drive

Strike Guard Sensor interfaces to a Lightning Data Receiver and optional Strike View Software.

The Lightning Data Receiver offers:
1. Audible and visual alarm and system status indicators
2. Full battery back-up (200 hr typical)
3. Relays to interface with the WAVE Siren System and remote-controlled equipment
4. Fiber-optic output for computer running optional Strike View Software

Optional Strike View Software offers:
1. Lightning Data Receiver-to-computer fiber-optic communication link for RS-232 or USB port
2. Strike View Server and Strike View Client applications operate across a LAN for multiple access points
3. Exclusive countdown timer from last lightning detected
4. Lightning histograms to monitor storm progression

Let us consult with you to configure a custom solution that meets your lightning detection and notification needs.

Ask us about networked sensors to cover larger areas and multiple locations.

Strike Guard is exclusively distributed by:

WXLINE

Wxline, LLC • 3924 North Calle Casita • Tucson, AZ 85718

Call us today to discuss your specific application needs and to locate a representative in your area.

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Specifications are subject to change.

Strike Guard®