

Graphical Alarm Software LIGHTNING WORKS

INTRODUCTION

Lightning Works is the graphical control and display software supplied with every Biral BTD-200 lightning warning system. It turns the sensor's detections into a clear, real-time picture of the threat — showing lightning location on a live map of the local area together with the current alarm level.

Users set their own warning zones so alerts match site-specific safety thresholds. The software triggers alarms automatically, can drive external sounders, and logs every event for later review. With multi-user access, the same live view is shared across an operations team.

FEATURES

Real-time graphical display

Shows lightning location and distance on a live map of the local area, with the current warning state always in view.

User-adjustable warning zones

Configure the BTD-200 to your site with custom distance zones so warnings reflect your own safety thresholds.

Multi-user operation

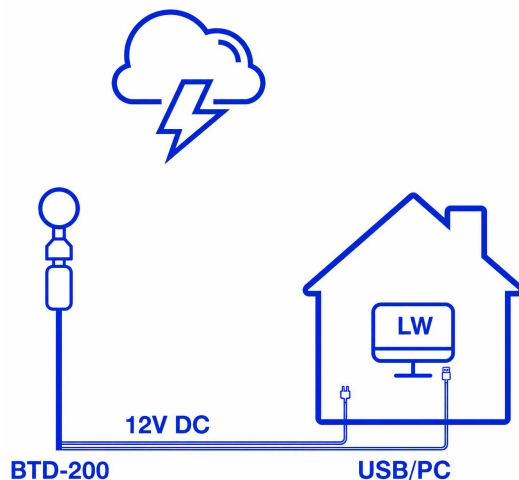
Up to five simultaneous users — one administrator and four view stations — share a single live picture.

Automatic alarms & logging

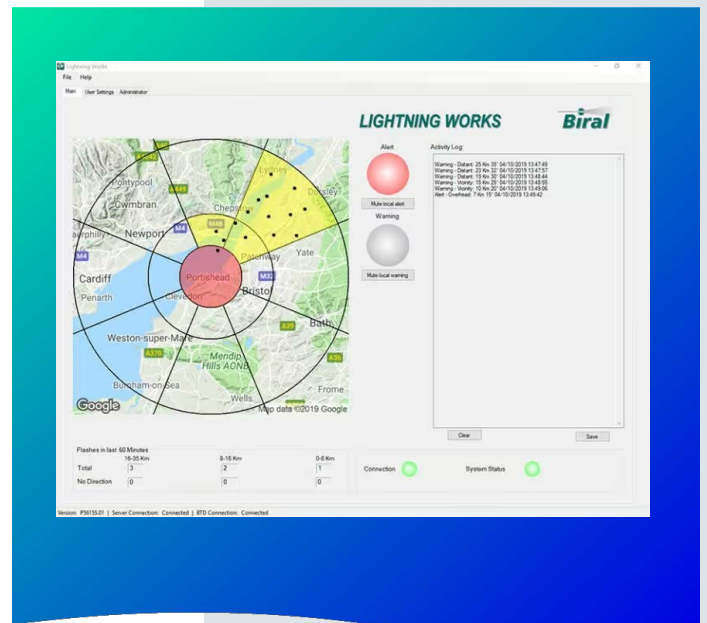
Triggers external sounders automatically and logs every lightning event for review and CSV export.

CONFIGURATION & OPERATION

The BTD-200 sensor sits outdoors and connects to an indoor Windows PC over a wired RS422 serial link. Lightning Works runs on that PC as the server, with up to four additional view stations. The configuration window sets warning zones, alarm behaviour and logging, while a continuous sensor health display confirms correct operation.



Optional modules extend the system: Lightning Works Messenger sends warnings automatically by SMS and email to an unlimited list of recipients, and the Lightning Direction Finder plots the range and direction of each flash so storm tracks can be followed in near real time.



- **REAL-TIME LIGHTNING MAP WITH DISTANCE WARNING ZONES**
- **USER-ADJUSTABLE WARNING ZONES**
- **CURRENT WARNING STATE SHOWN IN REAL TIME**
- **SENSOR HEALTH STATUS DISPLAY**
- **MULTI-USER: 1 ADMINISTRATOR + 4 VIEW STATIONS**
- **AUTOMATIC DATA LOGGING & CSV EXPORT**
- **AUTOMATIC ALARM OUTPUTS FOR EXTERNAL SOUNDERS**
- **OPTIONAL SMS & EMAIL MESSENGER**
- **OPTIONAL LIGHTNING DIRECTION FINDER**
- **SUPPLIED WITH EVERY BTD-200**

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