

# Model L-1370-077

## Webpage & Service Software

*Radiation Detection for a Safer World*



Ludlum Measurements, Inc.

### Features

- Ethernet Network
- 24/7 Operation
- Web Browser Interface
- Connects Up to 50 Model 375 Controlled Devices
- Data Logs



Part Number: 1370-077

### Introduction

The Ludlum Model 375 Webpage and Supervisor Service is a radiation network software package that collects and displays radiation levels and the alarm status from up to fifty Model 375 type instruments. Using this interface, radiation data may be placed onto the Ethernet network for real-time monitoring, email alerts, and saved into a database. Because the Supervisor software runs as a Windows Service, it continues running even if no user is logged onto the computer.

A live demonstration of the web camera may be viewed at <http://lobbycam.ludlums.com/appletvid.html>. The radiation data is logged to a Microsoft SQL database and may also be logged to a comma delimited text file. The service can be configured to send an email alert when an alarm or failure occurs on any of the connected Ludlum Model 375 instruments.

The installation CD includes a copy of MS SQL Server Express, which is a free version of the Microsoft SQL Server. The installation CD also has a copy of .NET Framework 2.0, which is a requirement of the SQL Server. The service is used in conjunction with the Model 375 Webpage server application which provides a user-friendly interface to the data, requiring only a standard web browser. Up to 10 browsers can be connected to the database at any given time using the free version of SQL Server. More users may be accommodated by purchasing a different version of SQL Server.

Complete a Model 375 Network Setting Request Form, downloadable from the Ludlum Measurements, Inc. web site, and submit it with your order so the instrument can be properly configured at the factory to facilitate your network system.

### Minimum Requirements & Specifications

Processor: 1 gigahertz (GHz) processor, 2 GHz recommended

Operating System: Windows Server 2008 Standard

Memory: 512 megabytes (MB) or more recommended

Hard Disk: 32 gigabytes (GB) recommended

Drive: CD-ROM or DVD-ROM drive

Display: Super VGA (800 x 600) or higher resolution monitor

Other: .NET Framework 3.5 - available on Ludlum installation CD

Microsoft SQL Server 2005 SP2 - available on Ludlum installation CD

Internet Information Services 7.0 - available on Windows Install CD

Email Settings: fully customizable for each of three shifts, with up to 10 email address can be defined to receive alarm notifications and/or failure notifications with user-designated "From" address, Alarm Message, and Fail Subject Line and Message Content.