



# IonManager Pro

## ROOM IONIZATION SYSTEM MANAGEMENT SOFTWARE

IonManager Pro software monitors, manages and analyzes Simco-Ion's Digital Room Ionization Systems (Ceiling Emitter Model 5515 and 5582 Controller, or Ceiling Emitter Model 5511 and 5580 Controller). The software provides customers with a cost-effective way to monitor system status and manage system maintenance requirements through visual indicators and automated notifications.

IonManager Pro features simple graphical images of the ionization system with a drill-down hierarchy to individual components for instant identification of status and operational parameters. Fault conditions are easily viewed and identified with real-time graphical displays. Text messages or e-mail notifications can automatically be sent to the maintenance team. Integrated summary reports based on user preferences, are available for management review. System performance can be easily analyzed by accessing history logs, using the built-in statistical and graphing tools, or exporting the data into common analysis packages.

### Features

- The standard system manages and monitors up to 10 controllers and 800 emitters. Larger systems are available (contact factory)
- Configurable alarm event notifications based on user preferences
- Real-time event capture
- User-friendly visual interface

### Benefits

- Provides a single monitoring system for large installations
- Enables automated text or email notifications to multiple users
- Assures fast notification of alarm or maintenance conditions; provides time stamped data log of system events and conditions
- Allows user to quickly identify and locate alarm conditions



## Specifications

|                              |   |
|------------------------------|---|
| <b>Data Collection</b>       | RS-485 or Ethernet ports; compares actual measured values to control limit values in real time; produces fault log data stream  |
| <b>Data Archive</b>          | Data stream from data collector; creates hour/day/month/year reports; user-selectable polling periods   |
| <b>Net Interface</b>         | Incoming TCP/IP connections; password verification  |
| <b>Data Viewer</b>           | Area selector; multiple graphs; user-selectable facility layout display; alarm status colored symbols; live data to historical data   |
| <b>Options</b>               | Larger system sizes available. Contact factory.   |
| <b>Output File Formats</b>   | CSV (imports into spreadsheets)   |
| <b>Operating System</b>      | Windows XP (SP3) <sup>®</sup> or Windows 7 <sup>®</sup>   |
| <b>Hardware</b>              | PC-compatible computer (computer not provided) with 2 GHz processor, 1 GB RAM min. (2 GB RAM for larger system >100 controllers), 80 MB of free disk space, CD-ROM, color monitor with 1280 x 1024 screen resolution minimum, one (1) Ethernet adapter, one (1) Serial port (optional); layout drawings of each area are required in jpg, png, or bmp file formats for system configuration |
| <b>Interface</b>             | Graphic overview of the controller and ionizer system; facility layout  |
| <b>Notifications</b>         | SMS text messaging and/or email, dependent upon system configuration  |
| <b>Ionizer Compatibility</b> | Model 5515 Digital Emmitter and Model 5582 Controller; Model 5511 Digital Emmitter and Model 5580 Controller  |

## Ordering Information

|                          |   |
|--------------------------|---|
| <b>91-5582-SW-Vx</b>     | IonManager Pro software (x represents current version number)                                     |
| <b>91-5582SW-CONT-Vx</b> | IonManager Pro software extended version for larger systems (x represents current version number) |

**System**  
Bring the view to the Home or System View screen

**Data Analysis**  
View Graph and exporting of Data

**Configure**  
Configure the IonManager Pro to: Email and Logging Setup  
Define area layouts  
Add controllers  
Controller and Emmitter configurations

**Login/Logout**  
Password Login to make any system setup changes or Logout to prevent system set setup changes

**Help**  
Access to help information

**Controller View**  
Emmitter Status View of all Online/Attached emitters

**Emmitter Status**  
A snapshot status of a selected emmitter

**Status Color Legend**  
Indicates the current/pass Status of the connected component

**System Overview**  
Quick-view status of all connected components

The controller layout view offers status verification for each ionizer.

## Alarm Management

Alarm reporting with instant notification is an important feature in IonManager Pro. Ionizers that are in alarm, not responsive or are not operating at peak performance trigger user notifications. These notifications allow you to quickly respond and correct an alarming ionizer, ensuring constant optimal ionization. Color-coded for fast identification, real-time ionizer and controller status indicators are viewed on graphical layouts or hierarchical trees.

Alarm events are registered in summary report logs, which are automatically updated to reflect the current status. Reports can be downloaded into spreadsheets or the raw data can be accessed and saved for later review. Alarm summaries display the type of alarm, the time it occurred, and which ionizer alarmed. Data can be sorted for alarm and area analysis.

**System**  
Bring the view to the Home or System View screen

**Data Analysis**  
View Graph and exporting of Data

**Configure**  
Configure the IonManager Pro to: Email and Logging Setup  
Define area layouts  
Add controllers  
Controller and Emmitter configurations

**Login/Logout**  
Password Login to make any system setup changes or Logout to prevent system set setup changes

**Help**  
Access to help information

**Detail Status**  
Status Information when the mouse Hovers over any device

**Zoom Control**  
Allow zooming of the entire image

**Status Color Legend**  
Indicates the current/pass Status of the connected component

**Area Layout**  
A representation of your plant view

**System Overview**  
Quick-view status of all connected components

The facility layout view provides mouse-over status reporting with click and drag and click ionizer layout capability.



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