

**PRO**  
**Series**<sup>TM</sup>  
**ASD**



UL  
C<sup>®</sup> US  
FM  
APPROVED  
CE  
CSFM  
MEA  
ISO 9001

Intelligent Aspirating Fire Detector



**Intelligent Earliest Warning  
Aspirating Fire Detector**

- Before Smoke
- Before Fire
- Before Downtime



## New Advanced Detection Technology

# I NTELLIGENT ASPIRATING FIRE DETECTION

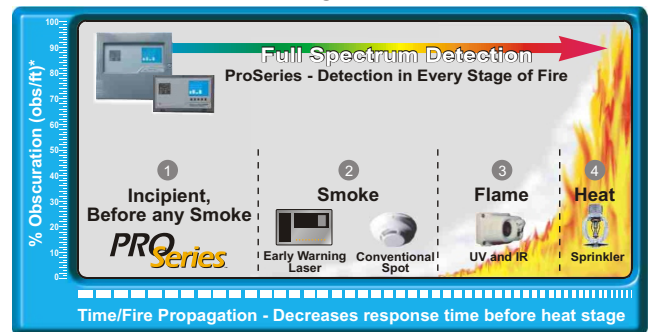
### Before Smoke There Is Fire...

The new advanced intelligent CCD (Cloud Chamber Detection) technology from Protec combined the benefits of spot, laser, and cloud chamber detection into a single detector, and can detect before smoke. CCD provides paralleled technology which only detects combustion making it immune to false alarms from dust, dirt, temperature, and humidity which plague other early warning air sampling and spot detectors. The introduction of CCD technology now allows for an aspirating system to be ultra sensitive while eliminating the nuisance alarms associated with other detection technologies.

**PRO**  
**Series**



Four Stages of Fire

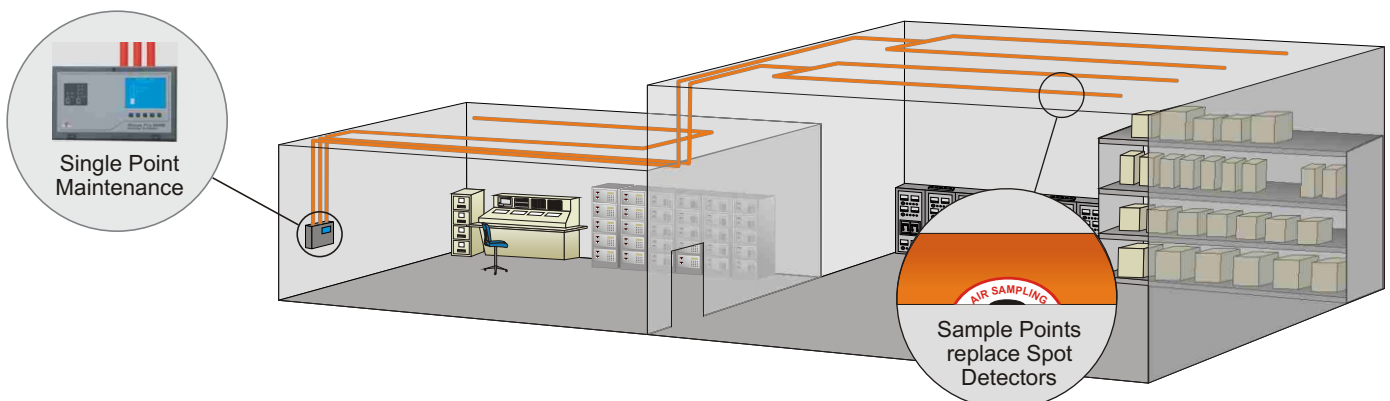


- Before Smoke
- The Most Sensitive Detector Available
- No False Alarms
- Detects in All Four Stages of Fire

\*Obscuration (obs/ft) - Percentage of light decrease per foot due to smoke, dirt, dust or pollutants in an environment. CCD technology only senses combustion and can detect from zero to 100% obs/ft. while remaining immune to false alarms.

## SINGLE POINT MAINTENANCE - LOWER COST

In addition to the advanced detection abilities when using CCD technology, single point maintenance allows for easily servicing the detection system. By eliminating the mandated yearly testing of each ceiling mounted spot detector (NFPA 72), the need for expensive lifts and hours of labor have been reduced to a few quick and simple tests performed at the detector.





- Standard
- Enhanced
- High Pressure

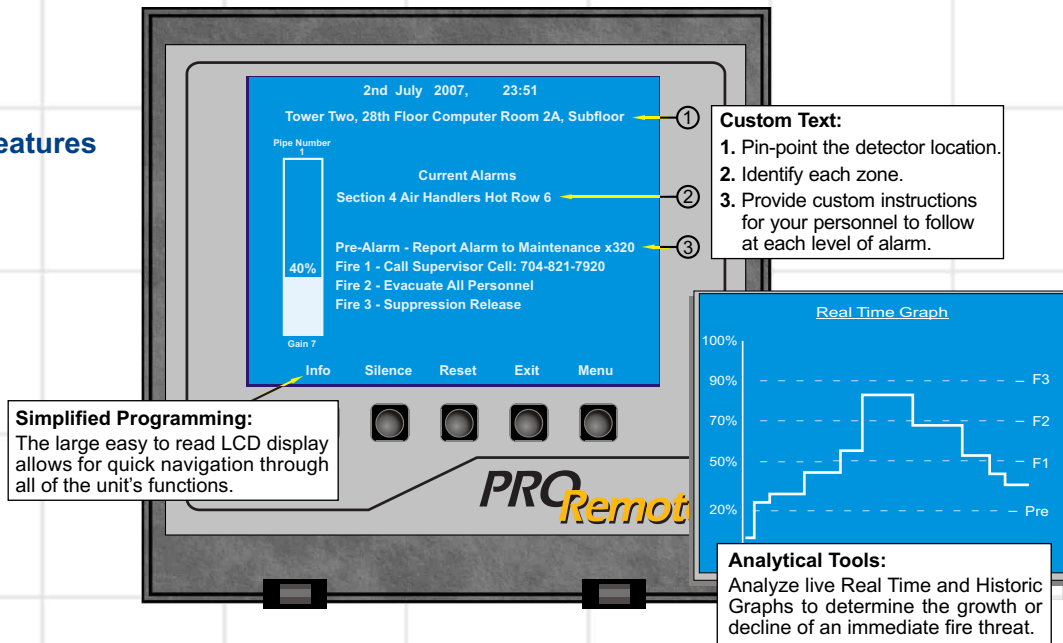
## LCD Display with Custom Text

### USER FRIENDLY DISPLAY

ProSeries detectors may now be equipped with the industry's largest and most versatile LCD display. This new multifunction display allows users to easily identify and respond to an early warning alarm in addition to receiving detailed instructions via the display.

#### LCD Display Features

- Program
- Display
- Troubleshoot
- Network



### REMOTE DISPLAY, PROGRAMMER AND NETWORK HUB

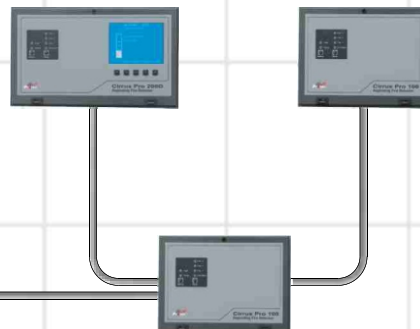
A Remote Display or any unit with a display on a detector network, now allows you too easily Program, View, Display Historic Graph and Event Logs, Troubleshoot, and provide Alarm Notification for any unit on the network. The multifunction LCD display features easy to navigate menus and customizable text for naming detectors, zones, alarm levels and even specific instructions for personnel to follow.

Remote Display



- Program Detectors
- View Historic Graph
- Real Time Graph
- Review Event Logs
- Troubleshoot Detectors
- Review Detector Statistics
- Alarm Notification
- Zone Identification
- Alarm Procedures

Detector Network



- Detector Network
- PC Network
- Internet Network



## Expanded Networking Abilities

# MULTIPLE DETECTOR NETWORKING OPTIONS

ProSeries detectors provide several networking options. From a simple RS485 Peer to Peer network between detectors using a detector LCD display or ProRemote as the network hub, to software driven networks using TCP/IP for access through any LAN, WAN, or internet connection.

## Peer to Peer Detector Networking

### Built-In RS485 Networking

Simply use a shielded Belden 9841 type cable to network the units together via the internal RS485 connections.

### Network Simplicity

Any unit with an LCD display, or a Remote Display, may be used to Program, View, Display Historic Graph and Event Logs, Troubleshoot, and provide Alarm Notification for any unit on the network.



### Remote Display

A Remote Display may be placed in areas which are populated after hours such as guard stations or office areas.



## Complimentary CirrusPro

### Networking Software for PC

Available at no cost, CirrusPro Networking Software will allow you to easily Program, View, Display Historic Graph and Event Logs, or Troubleshoot any detector on the network via a PC. Simply connect a PC running CirrusPro software to any detector on a Peer to Peer network.





- Peer to Peer
- RS232
- TCP/IP

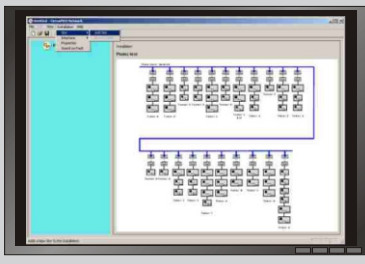
## Networking Solutions

# HLI NETWORKING SOFTWARE

**ProNet**

Remotely monitor a detector network using ProNet High Level Interface software via an internet, LAN, or WAN connection. Detailed graphic maps of an area are used to isolate alarms and display specific zone information. You may also Program, View Detector Status, Display Historic Graphs and Event Logs, as well as Troubleshoot any detector on the network.

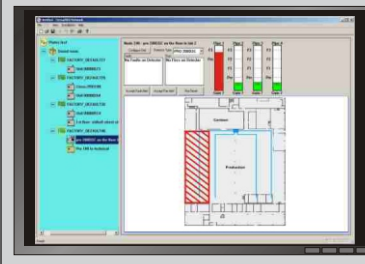
View entire detector network tree remotely via TCP/IP



View status of any detector on network in any hazard



Receive real time notification of any detector zone in alarm



**ProNet** Realtime Remote Network Monitoring Software

TCP/IP Connection



## ■ Integrated TCP/IP Networking

The ProSeries TCP/IP Interface Module works with ProNet software to access a detector network through any Internet, LAN, or WAN connection. This easy to install module is simply mounted inside a detector and is configured using the CirrusPro software. Any detector on the network, with or without a display, may act as the TCP/IP detector hub.

