Ŝ Simplex

UL, ULC Listed*

Fire Network Integration

XL Graphics Network Annunciators for CCUNET Networked Systems

Features

Adds graphical annunciation, status display, and limited control to CCUNET systems for compatible fire alarm control panels and networks including:

- Simplex® 4100U stand-alone and Network connected fire alarm control panels; device details download directly from the Network for rapid site programming
- Notifier® AM2020 and INA fire alarm control panels including SIBNET and INA interfaces
- Also compatible with conventional fire alarm control panels using contact closure I/O interfaces
- Listed to UL Standard 864 and ULC Standard ULC-S527 for Fire Alarm
- XL Graphics workstation and fire alarm panels connect to the CCUNET (Communication Control Unit Network) using specific interface modules; refer to data sheet S4190-0015 for CCUNET details
- Point capacity is up to 50,000 or higher depending on point detail information

Extensive image importing and editing include:

- Simple importing procedure that supports over 20 image file types; image editing tools allows resizing of imported images for optimal display
- Screens support graphical objects (lines, rectangles, and arrows) and textual objects (text boxes, notes, and push pins) for operator assistance

Icon support includes:

- A library of common and specialty device icons provided as standard
- Custom icons including animated GIFS
- Open XML standard allows import of custom device types and icons
- Snap to grid and alignment of device icons, graphical and textual objects
- Up to 200 icons can be available per screen

Screen operation features include:

- Custom emergency event procedures can be triggered to display and print based on event criteria
- Operator comments can be attached to events to enable tracking of troubles and rectification actions
- Permanently visible status bar shows overall system event status regardless of functions being performed
- Multiple password controlled operator levels provide selectable access
- Pre-recorded audio messages can be triggered to play at the computer to alert the workstation operator when selected events or specific information is being viewed
- Test Event Generator Tool provides site configuration testing

XL Graphics Status Screen Example

Features *(Continued)*

History Logs provides easy access to site event history for post-emergency auditing

- Event data can be quickly filtered by parameters such as specific category, date or by day reference
- Compatible with HTML, spreadsheet, and database programs for off-line viewing and report customization
- Logs of system and user events provide detailed traceability when auditing and debriefing emergency events

Selectable packaging:

- LCD monitors are available as 19 inch desktop or 42 inch horizontal wall mount, with or without touchscreen
- Mouse operation and/or touchscreen operation provides convenient user interface

CCUNET Network Interface details:

- CCU3 Series Interface Module, XLGraphics USB Interface Adaptor, and Audible Supervision Module mount in separate, dedicated box (see details on page 3)
- Requires 24 VDC from a fire alarm power supply

Description

XL Graphics Systems provide annunciation, status display, and limited control for Simplex and Notifier Fire Alarm Networks using a Microsoft® Windows® 2000 operating system based graphical interface with a high resolution, color display. Response buttons with realistic icons provide control switches specific to the operation being performed. Network connections are made using CCUNET interface modules. (Refer to data sheet S4190-0015 for additional CCUNET information.)
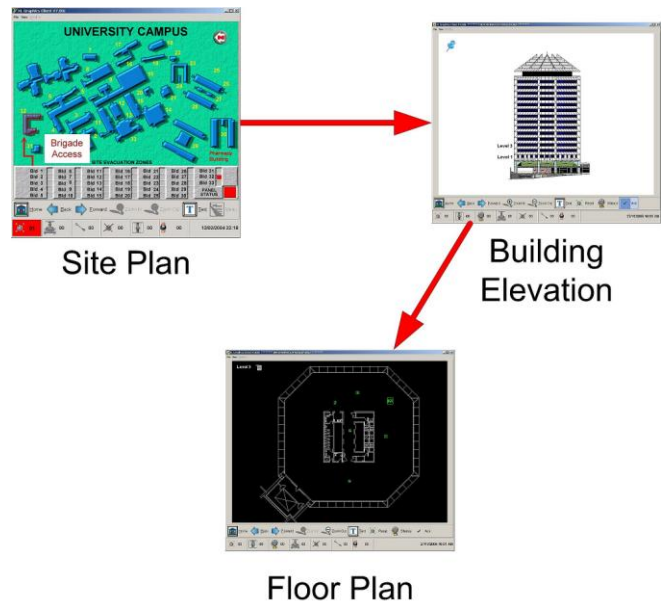
* This product was not approved by FM, MEA (NYC), or CSFM as of document revision date. Additional listings may be applicable; contact your local Simplex product supplier for the latest status. Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Safety Products Westminster. Additional listings may be applicable, contact your local Simplex® product supplier for the latest status.

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Graphics Screens (Graphics Mode)

Graphic screens can provide easily recognizable site plan and floor plan information. The level of detail can be customized for each specific site to easily and accurately direct the operator to the immediate area of interest.

Icons can be added to identify the exact location of the active device and optional hyperlinks can be used to directly "zoom" to other predetermined screens for more detail.

In addition to screen text or graphic information, the operator will be presented with specific custom messages that provide emergency response information and directions. These custom messages are easily edited for local requirements.

Site Plan

Building Elevation

Floor Plan

Historical Log

When historic details are required for network point information, historical log screens can easily and accurately access the required data. Data can be accessed as all types of information, by specific categories, or sorted by date or day reference. Historical data reports can be reviewed on the screen, printed at a local or remote system printer, or can be written to an electronic file.

Report information can be formatted to be compatible with standard spreadsheet and database programs. The day of week and the date are separated into separate fields to facilitate information sorting. With this feature, detailed records of the system history can be kept by adding information such as problem investigation details.

Text Mode

The screen to the right illustrates Text Mode which lists the active events in the system. Events are listed chronologically and by event type priority, with the latest and highest priority events at the top. Events can be sorted in any order by any column, as desired.

An event's device icon can easily be located on its graphics screen by selecting the event in Text Mode and then clicking the *Locate Icon* button. Doing so will change the window from Text to Graphics Mode and highlight the Device Icon.

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XL Graphics Product Selection

Required Equipment, Select One of Each; Select Monitor Below

Category	Model	Description
System Type	4190-8104	XL Graphics system
Computer Type	4190-7011	Desktop Computer with Core 2 Duo 2.16 GHz CPU, 2) 160 GB Hard Drives, CD/DVD R/W, integral audio and amplified speakers, onboard video for up to two displays (1) SVGA and (1) DVI, 2 Serial ports, 1 Parallel port, 3 USB ports, 1 PS/2 port, dual Gigabit LAN, Passive backplane with (7) PCI, (2) ISA and (1) CPU slot, keyboard, and mouse; black/charcoal grey housing
XL Graphics Software	XLG-SS2-UL	CCUNET XL Graphics Software Package including: Installation and Configuration Manual, Operator's Guide, software CD, Interface Adapter Module, Interface Adapter and PC USB Cable, and Interface Adapter Connector (6 pin)
CCUNET Interface	CCU3-C4-XLG	CCU3 Interface Module with XLG firmware, Interface Adaptor with USB cable, and Audible Supervision Module, all are to be mounted in a 4190-9810 box, ordered separately, see below; includes required connectors and harnesses; refer to data sheet S4190-0015 for additional information
Mounting Box for CCUNET Interface	4190-9810	Mounting Box, red, surface mount, required to mount CCU3-C4-XLG module; box dimensions = 9-1/2" W x 7-1/2" H x 3-1/4" D (241 mm x 191 mm x 83 mm): **NOTE:** Locate box 5 ft (1.5 m) maximum from computer and 20 ft (6 m) maximum from 24 VDC power source

LCD Color Monitor (select one)

Model	Size (Diagonal)	Monitor Type
4190-7130	19" (483 mm)	LCD Monitor for Desktop applications; black housing
4190-7230		LCD Monitor for Desktop applications with touchscreen interface and built-in serial controller; black housing
4190-7114	42" (432 mm)	LCD Monitor for Horizontal Wall Mount applications; black housing
4190-7214		LCD Monitor for Horizontal Wall Mount applications with touchscreen interface and built-in serial controller; black housing

XL Graphics Equipment Specifications

Computers and Accessories

Model	Description	Dimensions	Power
4190-7011*	Desktop Computer	16-7/8" W x 7" H x 17-5/8" D (429 mm x 178 mm x 448 mm)	95-132 VAC; 180-264 VAC, auto-range; 47 to 63 Hz; 2 A @ 120 VAC (240 VA)

LCD Monitors (Please note that equipment and specifications may vary due to equipment design changes)

Model	Description	Dimensions	Power
4190-7130*	19" Desktop	16.73" W x 16.3" H x 9.44" D (425mm x 414mm x 240mm)	100-240 VAC, 50/60 Hz, 0.4 A @ 120 VAC (48 W)
4190-7230	19" Desktop with Touchscreen	16.73" W x 15.75" H x 8.0" D (425 mm x 400 mm x 203 mm)	
4190-7114*	42" Horizontal Wall Mount	41.3" W x 25.2" H x 5.0" D (1049 mm x 640 mm x 127 mm)	100-240 VAC, 50/60 Hz, 2.02 A @ 120 VAC (243 W)
4190-7214*	19" Desktop with Touchscreen		

* Computers and monitors are shipped with 120 VAC cord; NEMA 5-15P plug to IEC-320 C-13 connector. For use with other voltages, locally obtain a cord in compliance with local safety standards.

Computer Minimum Specifications Reference

Enclosure**	Passive backplane with: 7 PCI slots, 2 ISA slots, and 1 CPU slot; security features: key lock reset switch; fan monitor card; locked door protecting access to the CD/DVD R/W drives and two front mounted USB ports
Computer**	Compatible with Microsoft Windows 2000 32-bit operating system, 2.8 GHz CPU with 2 GB RAM (or Core 2 Duo 2.1 GHz CPU with 4 GB RAM), 40 GB minimum hard drive; 2 Serial ports, 1 Parallel port, 4 USB ports, dual Gigabit LAN, 1 PS/2 mouse port, 1 PS2 mouse & keyboard adapter cable; SVGA video output w/16 MB VRAM, CD/DVD R/W, 101 key keyboard, PS/2 mouse, PCI and ISA slots (as required)

** PLEASE NOTE: Simplex 4190 Series computers are Agency listed for use with XL Graphics software. For applications where Agency listings are not required, XL Graphics software should be compatible with most computers meeting the stated minimum specifications. However, due to computer manufacturers potentially using unique and/or proprietary drivers, hardware, or other software not tested with XL Graphics software, there may be incompatibilities. If other computers are used, proper operation with XL Graphics software may require technical adjustments by a qualified computer technician and would be the sole responsibility of the computer supplier and computer manufacturer.

Computer Port Reference	RS-232 Serial Ports	Two standard
	Parallel Port	One available
	Printable Information	Historical log reports, Service Reports, and System Activity Reports
	Automatic Printer Selection	Information can be routed (vectored) by type
	Printer Compatibility	Model 4190-9013, UL listed per Standard 864; refer to data sheet S4190-0011 for details
Environmental Specifications	Operating Temperature	32° to 120° F (0° to 49° C)
	Operating Humidity	up to 93% RH, non-condensing, at 90° F (32° C)

Please note that specifications may vary due to equipment design changes. Contact your local Simplex product supplier for exact equipment specifications.

19" Desktop Monitor

Desktop PC

42" Wall Mount Monitor